

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083568.D
 Acq On : 30 Aug 2024 10:29
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 00:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	187490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	10512	4.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.020%#		
35) Dibromofluoromethane	8.165	113	9295	4.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.340%#		
50) Toluene-d8	10.565	98	25911	4.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	8.800%#		
62) 4-Bromofluorobenzene	12.847	95	13373	4.656	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9108	4.590	ug/l	99
3) Chloromethane	2.359	50	11103	4.803	ug/l	91
4) Vinyl Chloride	2.518	62	11322	4.894	ug/l	98
5) Bromomethane	2.900	94	6349	5.221	ug/l	97
6) Chloroethane	3.065	64	7871	5.207	ug/l	98
7) Trichlorofluoromethane	3.465	101	17895	4.697	ug/l	95
8) Diethyl Ether	3.953	74	6600	4.846	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	10162	4.919	ug/l #	86
10) Methyl Iodide	4.571	142	12311	4.405	ug/l	98
11) Tert butyl alcohol	5.536	59	10006	24.491	ug/l	94
12) 1,1-Dichloroethene	4.324	96	9654	4.700	ug/l	86
13) Acrolein	4.177	56	11152	28.852	ug/l	95
14) Allyl chloride	5.018	41	17805	4.862	ug/l	97
15) Acrylonitrile	5.718	53	24268	24.086	ug/l	98
16) Acetone	4.430	43	23279	22.278	ug/l	97
17) Carbon Disulfide	4.700	76	27533	4.600	ug/l	97
18) Methyl Acetate	5.024	43	15013	5.400	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	34865	4.785	ug/l	100
20) Methylene Chloride	5.265	84	11562	5.011	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	9864	4.610	ug/l	93
22) Diisopropyl ether	6.671	45	33822	4.684	ug/l	94
23) Vinyl Acetate	6.600	43	125491	23.450	ug/l	100
24) 1,1-Dichloroethane	6.559	63	19861	4.823	ug/l	98
25) 2-Butanone	7.477	43	34404	24.182	ug/l	97
26) 2,2-Dichloropropane	7.483	77	17555	4.579	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	12538	4.911	ug/l	99
28) Bromochloromethane	7.812	49	10261	5.336	ug/l #	96
29) Tetrahydrofuran	7.841	42	21629	24.509	ug/l	100
30) Chloroform	7.965	83	20775	4.788	ug/l	95
31) Cyclohexane	8.253	56	21891	5.401	ug/l	92
32) 1,1,1-Trichloroethane	8.159	97	18496	4.715	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	15179	4.998	ug/l	96
37) Ethyl Acetate	7.559	43	14432	4.775	ug/l #	86
38) Carbon Tetrachloride	8.359	117	16156	4.663	ug/l	95
39) Methylcyclohexane	9.600	83	15892	4.361	ug/l	98
40) Benzene	8.606	78	45095	4.827	ug/l	96

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 00:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	8220	4.766	ug/l	95
42) 1,2-Dichloroethane	8.671	62	16446	4.749	ug/l	99
43) Isopropyl Acetate	8.688	43	36699m	4.996	ug/l	
44) Trichloroethene	9.347	130	11066	4.924	ug/l	95
45) 1,2-Dichloropropane	9.624	63	10078	4.631	ug/l #	86
46) Dibromomethane	9.706	93	7665	4.774	ug/l	99
47) Bromodichloromethane	9.882	83	16062	4.700	ug/l #	97
48) Methyl methacrylate	9.682	41	11790	4.756	ug/l	99
49) 1,4-Dioxane	9.700	88	4125	101.547	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	68057	24.220	ug/l	98
52) Toluene	10.629	92	27218	4.658	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	16213	4.582	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	17222	4.637	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	10037	4.813	ug/l	99
56) Ethyl methacrylate	10.871	69	16107	4.669	ug/l	99
57) 1,3-Dichloropropane	11.165	76	17190	4.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	37637	25.107	ug/l	98
59) 2-Hexanone	11.194	43	51092	24.228	ug/l	97
60) Dibromochloromethane	11.359	129	11126	4.604	ug/l	99
61) 1,2-Dibromoethane	11.471	107	10068	4.725	ug/l	98
64) Tetrachloroethene	11.100	164	8560	4.805	ug/l	96
65) Chlorobenzene	11.894	112	28591	4.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	9995	4.871	ug/l	98
67) Ethyl Benzene	11.965	91	51822	4.777	ug/l	99
68) m/p-Xylenes	12.070	106	37830	9.256	ug/l	99
69) o-Xylene	12.394	106	18409	4.660	ug/l	100
70) Styrene	12.412	104	30319	4.565	ug/l	99
71) Bromoform	12.582	173	6819	4.666	ug/l #	93
73) Isopropylbenzene	12.694	105	46994	4.746	ug/l	98
74) N-amyl acetate	12.494	43	21896	5.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	14104	5.018	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	14383m	5.555	ug/l	
77) Bromobenzene	12.976	156	11654	5.017	ug/l	94
78) n-propylbenzene	13.035	91	52373	4.575	ug/l	99
79) 2-Chlorotoluene	13.123	91	36368	4.903	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	40262	4.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	4722	4.509	ug/l	97
82) 4-Chlorotoluene	13.223	91	35337	4.689	ug/l	98
83) tert-Butylbenzene	13.441	119	34988	4.718	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	39331	4.685	ug/l	99
85) sec-Butylbenzene	13.617	105	45224	4.588	ug/l	99
86) p-Isopropyltoluene	13.729	119	36881	4.480	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	21169	4.695	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	22014	4.751	ug/l	94
89) n-Butylbenzene	14.059	91	32835	4.534	ug/l	100
90) Hexachloroethane	14.335	117	7785	4.858	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	21007	4.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2958	4.852	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	11403	4.631	ug/l	99
94) Hexachlorobutadiene	15.500	225	4677	4.743	ug/l	95
95) Naphthalene	15.641	128	36029	4.554	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	11350	4.614	ug/l	96

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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

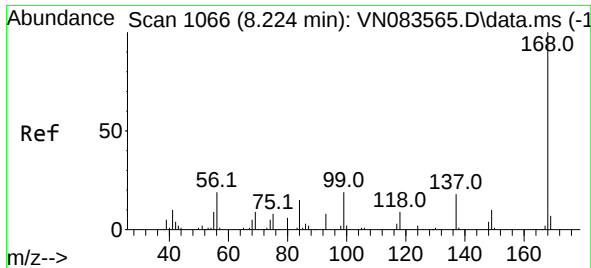
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 00:35:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
Response via : Initial Calibration

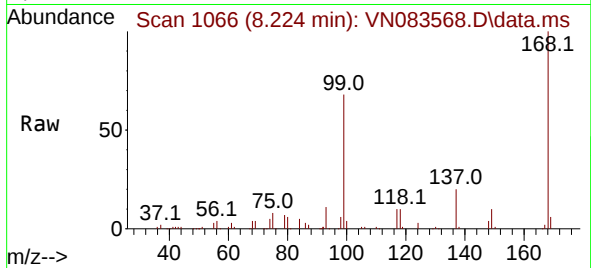
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

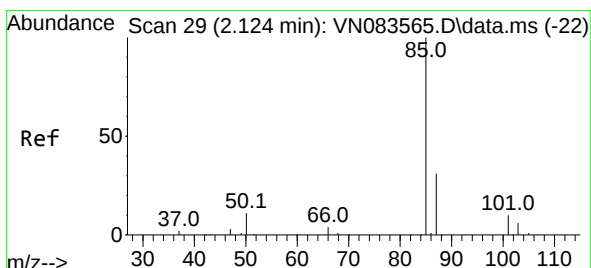
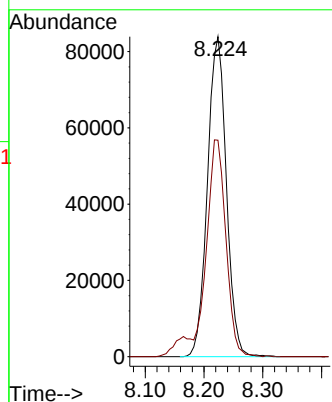
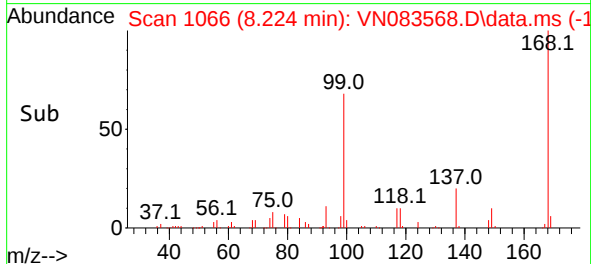
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 187490
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2

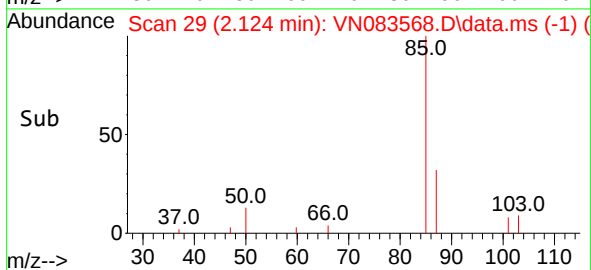
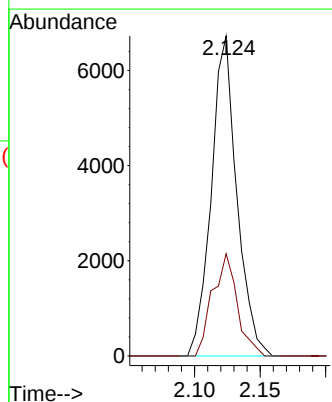
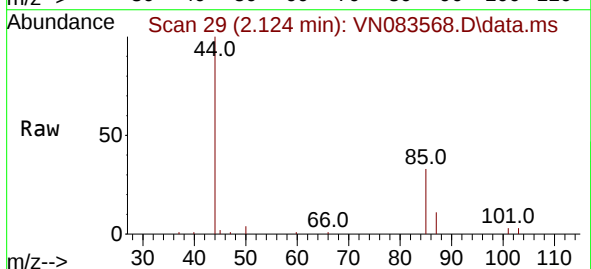
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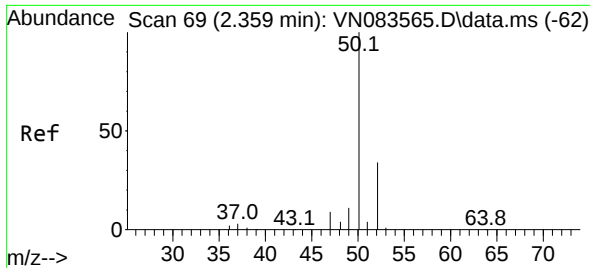
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#2
Dichlorodifluoromethane
Concen: 4.590 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 85 Resp: 9108
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





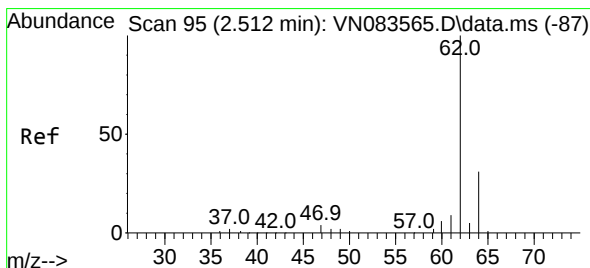
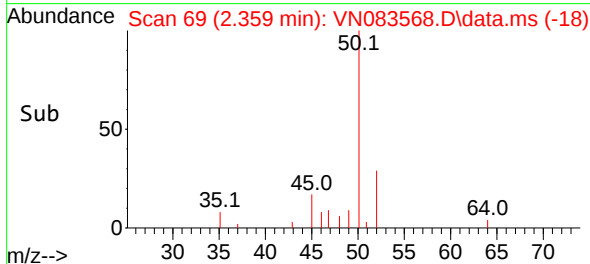
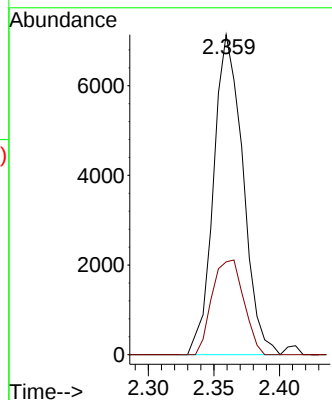
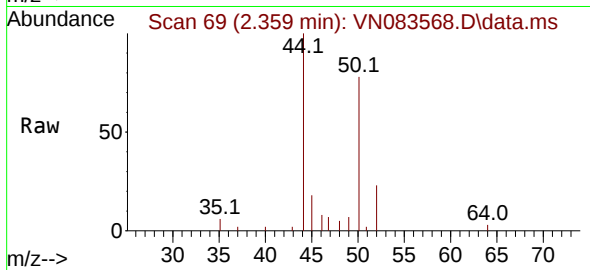
#3
Chloromethane
Concen: 4.803 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1110
Ion Ratio Lower Upper
50 100
52 29.0 27.2 40.8

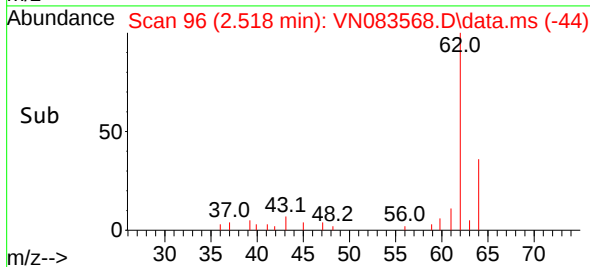
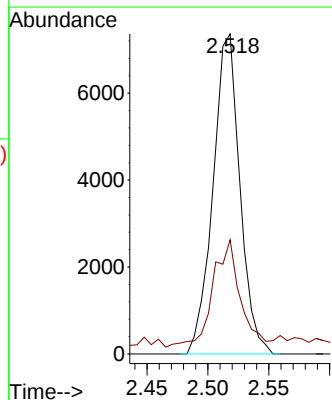
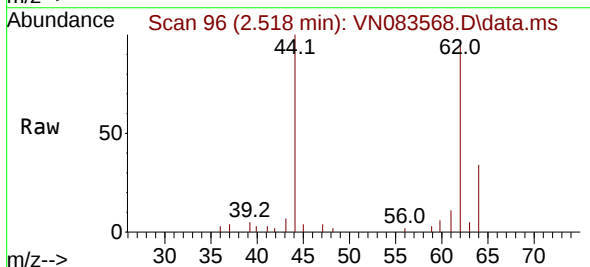
Manual Integrations
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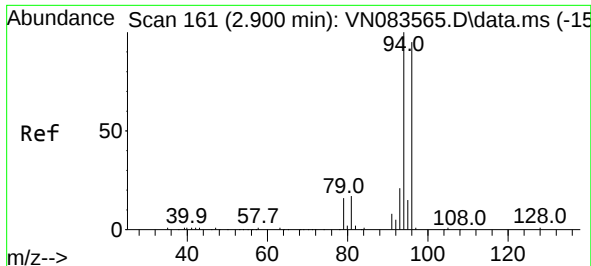
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#4
Vinyl Chloride
Concen: 4.894 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 62 Resp: 11322
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1





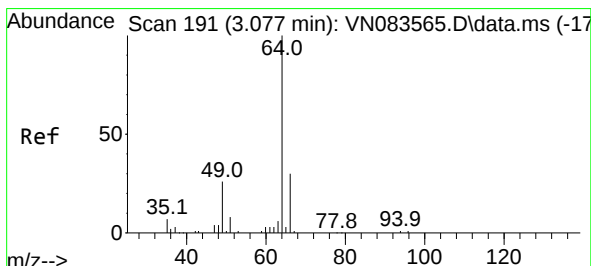
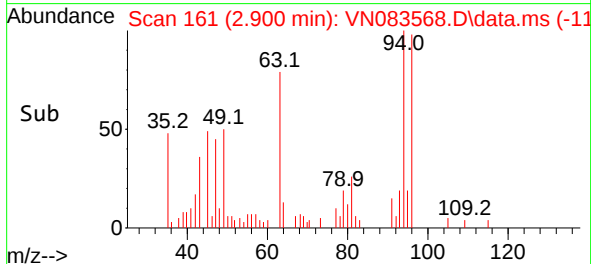
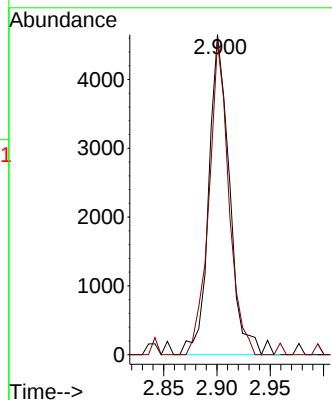
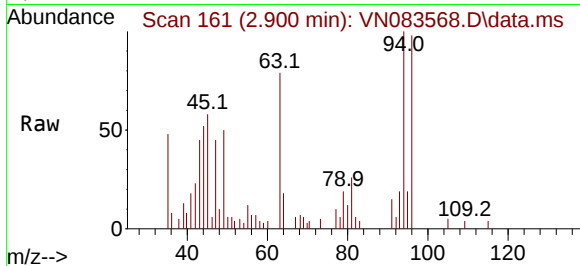
#5
Bromomethane
Concen: 5.221 ug/l
RT: 2.900 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 6349
Ion Ratio Lower Upper
94 100
96 97.8 76.0 114.0

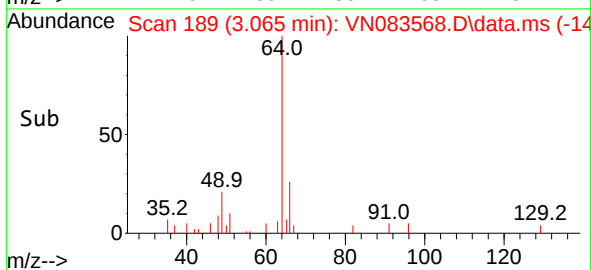
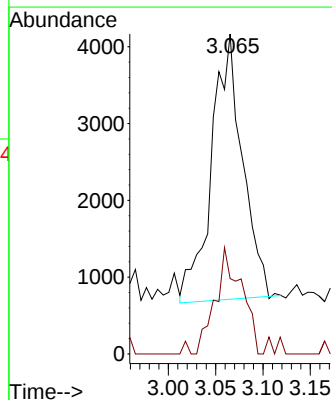
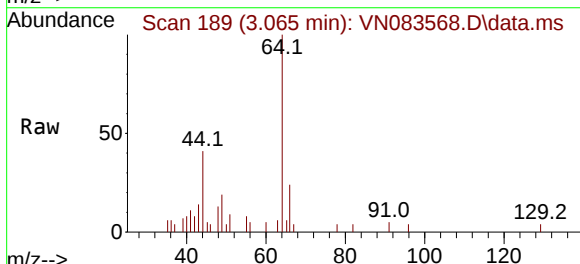
Manual Integrations
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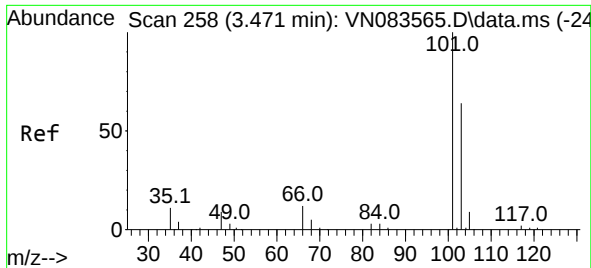
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#6
Chloroethane
Concen: 5.207 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.012 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 64 Resp: 7871
Ion Ratio Lower Upper
64 100
66 28.8 23.9 35.9





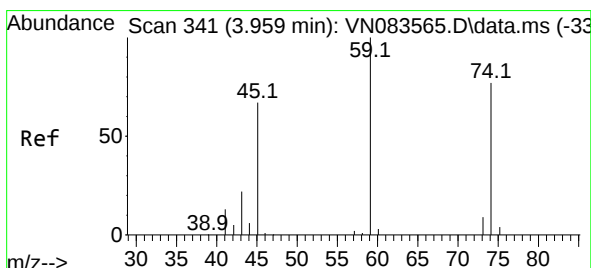
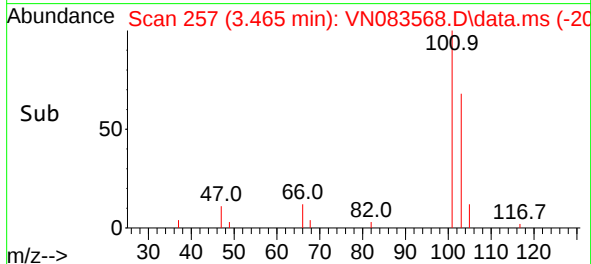
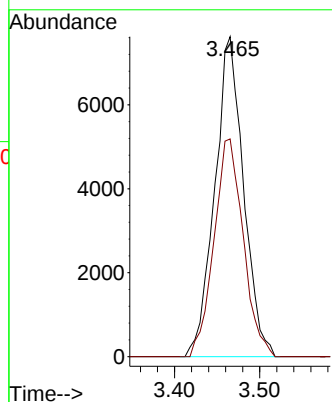
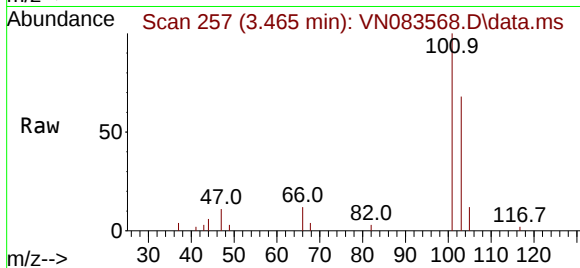
#7
 Trichlorofluoromethane
 Concen: 4.697 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1789
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.4 77.0

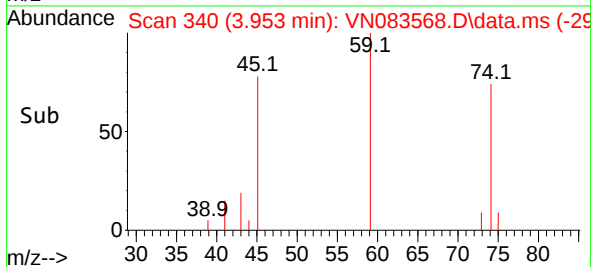
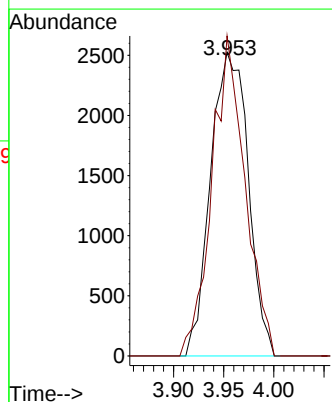
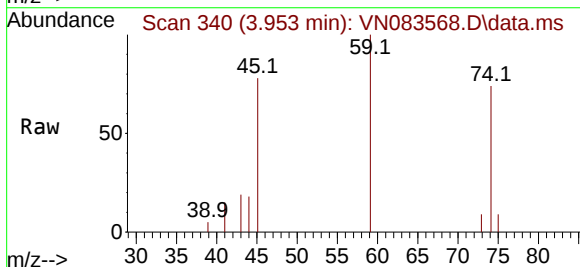
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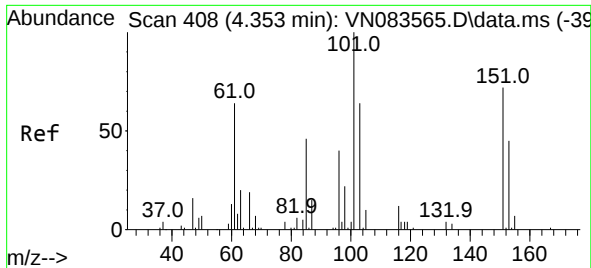
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#8
 Diethyl Ether
 Concen: 4.846 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Tgt Ion: 74 Resp: 6600
 Ion Ratio Lower Upper
 74 100
 45 93.0 46.7 140.1





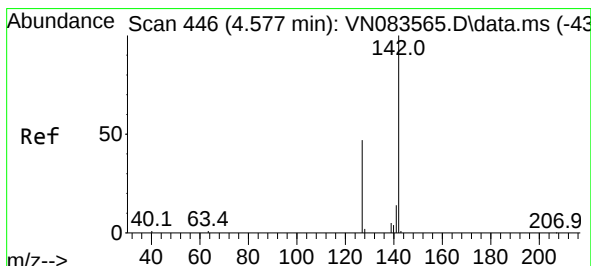
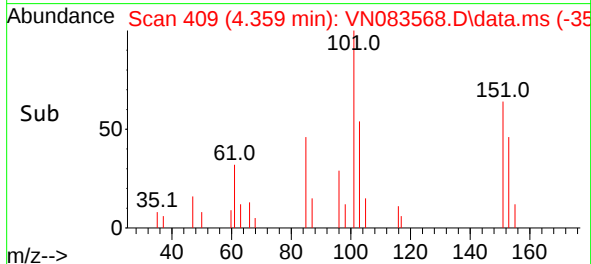
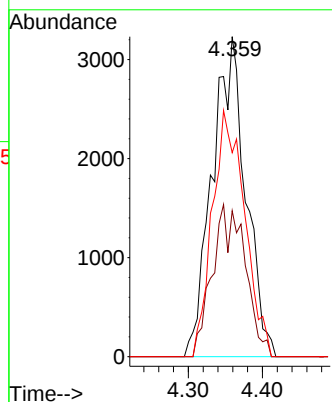
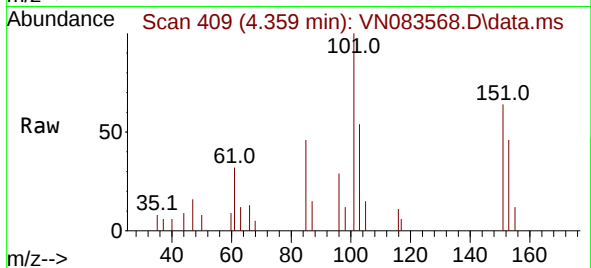
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.919 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1016
Ion Ratio Lower Upper
101 100
85 23.6 36.2 54.4
151 74.1 57.7 86.5

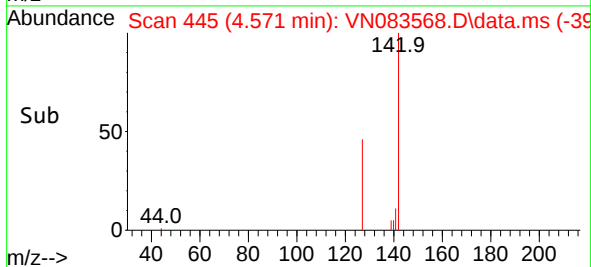
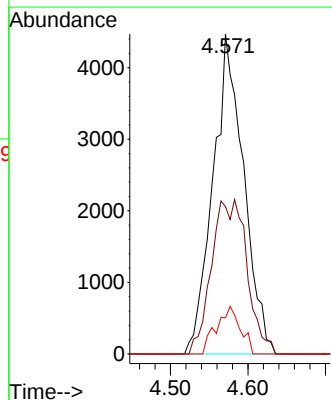
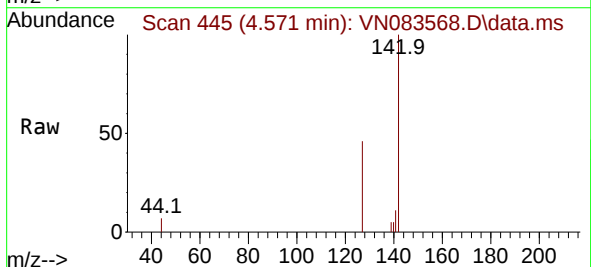
Manual Integrations
APPROVED

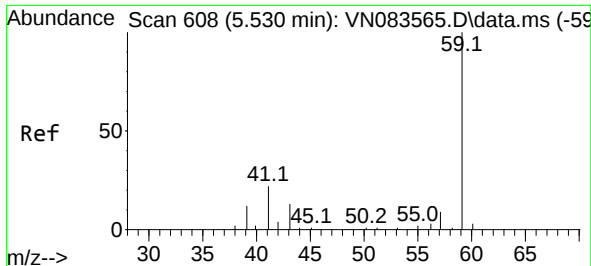
Reviewed By :John Carbone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 4.405 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

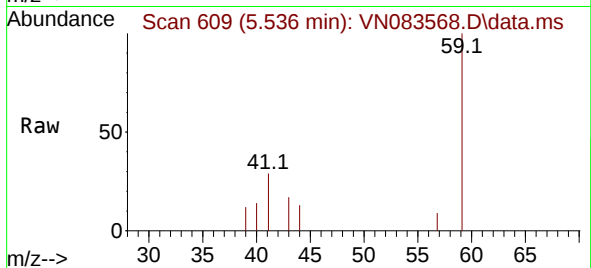
Tgt Ion:142 Resp: 12311
Ion Ratio Lower Upper
142 100
127 46.0 37.5 56.3
141 11.3 11.0 16.4





#11
Tert butyl alcohol
Concen: 24.491 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

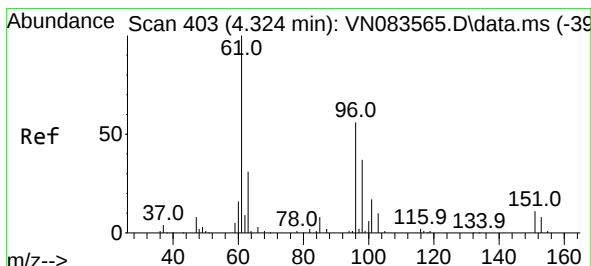
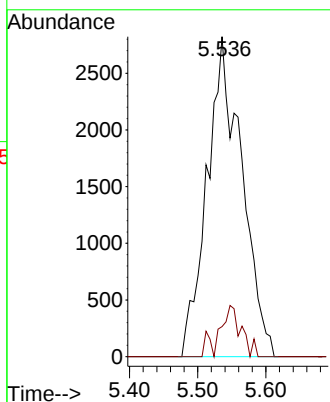
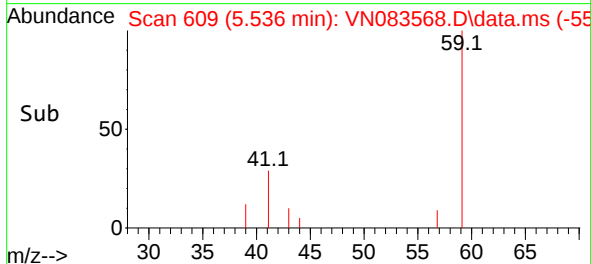
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



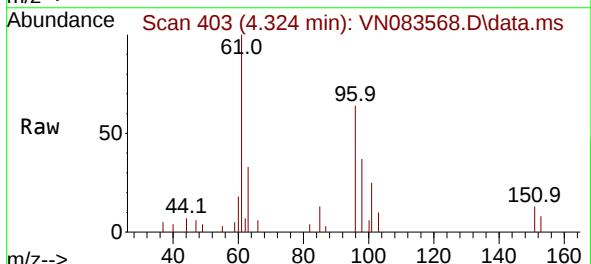
Tgt Ion: 59 Resp: 1000
Ion Ratio Lower Upper
59 100
57 8.8 8.7 13.1

Manual Integrations
APPROVED

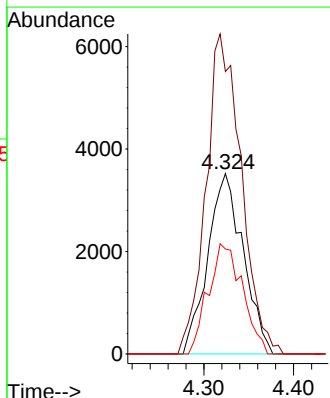
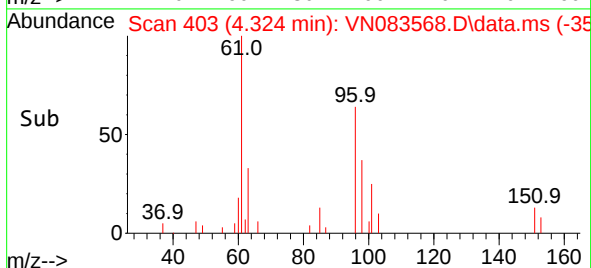
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

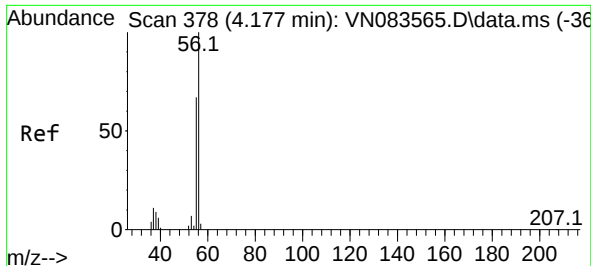


#12
1,1-Dichloroethene
Concen: 4.700 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion: 96 Resp: 9654
Ion Ratio Lower Upper
96 100
61 156.5 143.4 215.0
98 58.2 52.7 79.1





#13

Acrolein

Concen: 28.852 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 1115

Ion Ratio Lower Upper

56 100

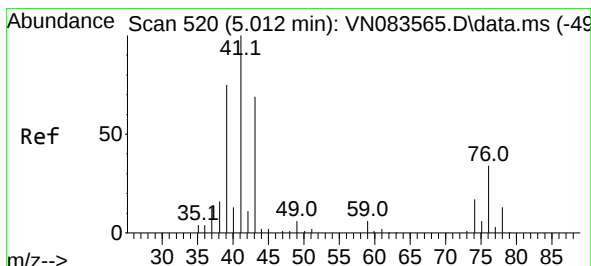
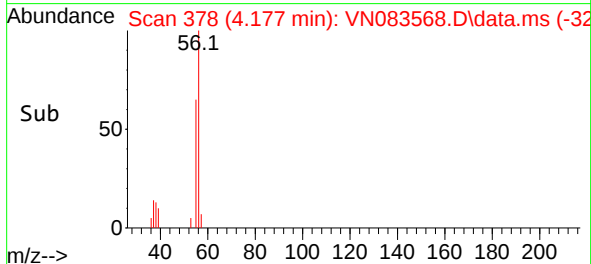
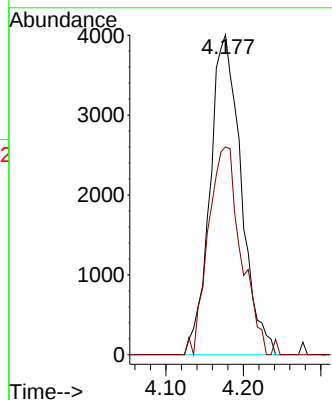
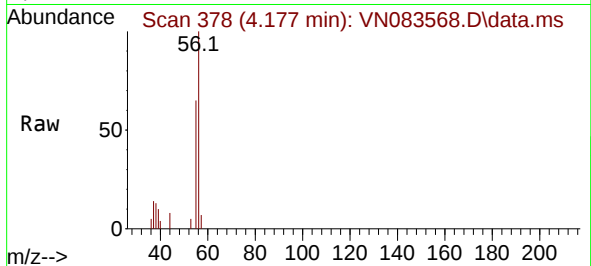
55 68.3 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#14

Allyl chloride

Concen: 4.862 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

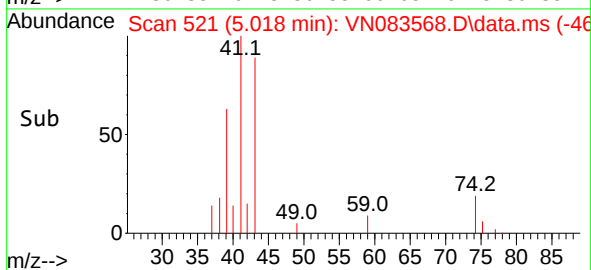
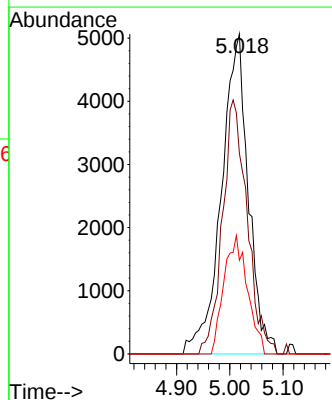
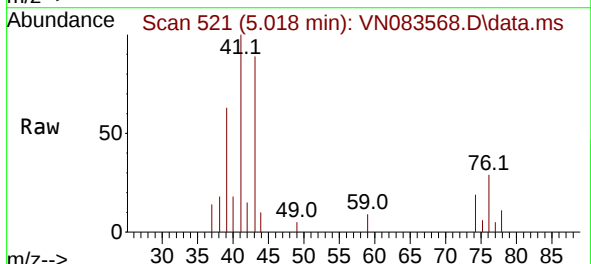
Tgt Ion: 41 Resp: 17805

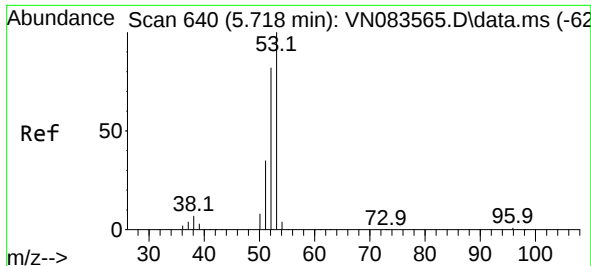
Ion Ratio Lower Upper

41 100

39 72.5 59.3 88.9

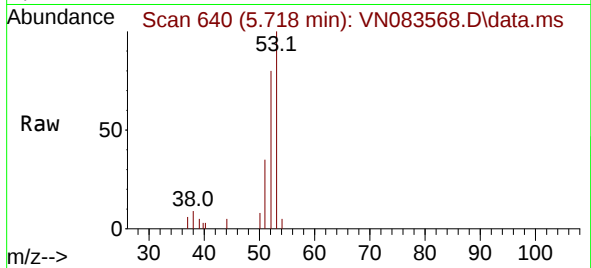
76 32.1 27.7 41.5





#15
Acrylonitrile
Concen: 24.086 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

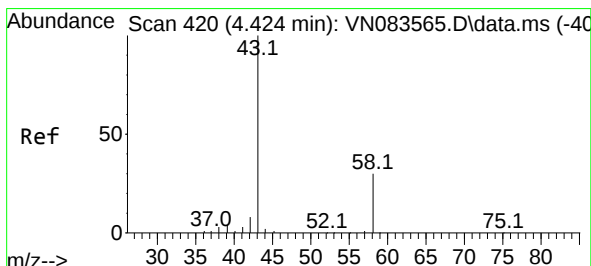
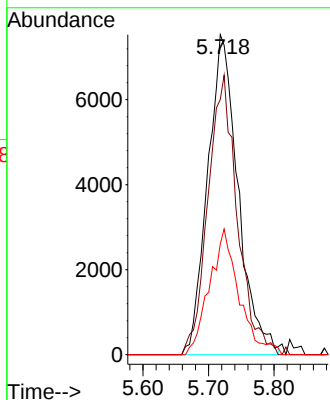
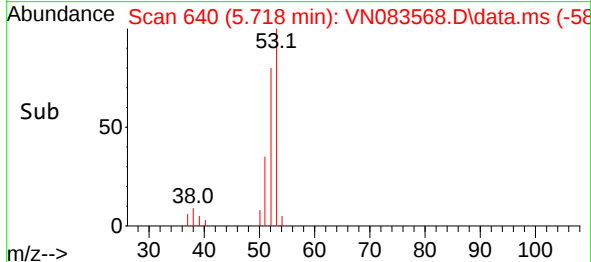
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



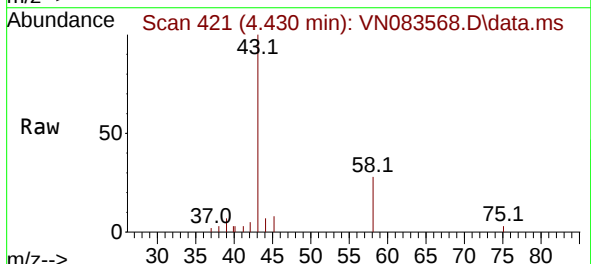
Tgt Ion: 53 Resp: 24268
Ion Ratio Lower Upper
53 100
52 84.0 66.1 99.1
51 38.3 29.6 44.4

Manual Integrations
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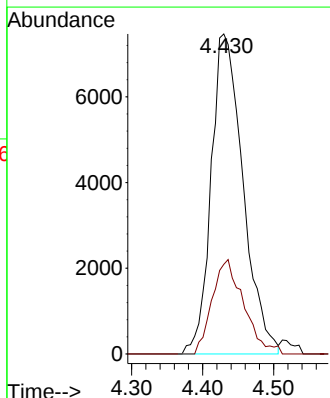
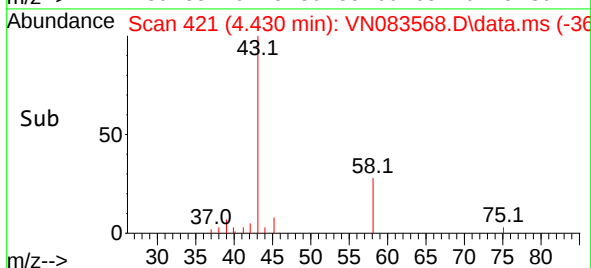
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

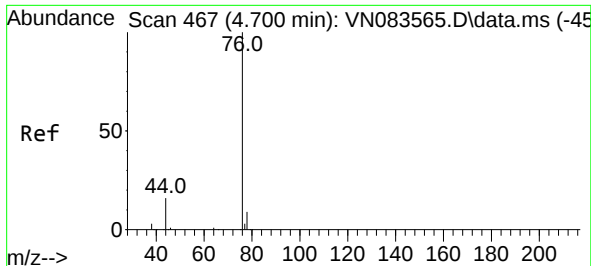


#16
Acetone
Concen: 22.278 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



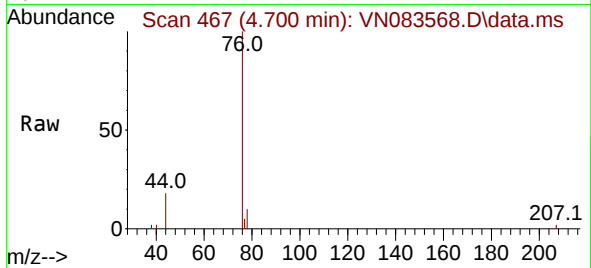
Tgt Ion: 43 Resp: 23279
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5





#17
Carbon Disulfide
Concen: 4.600 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

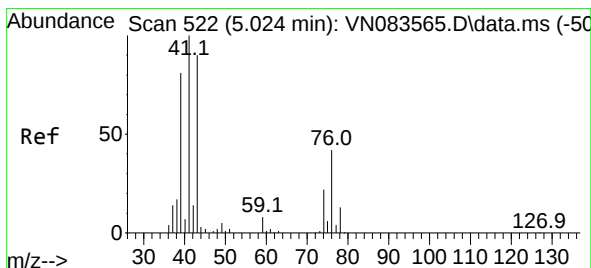
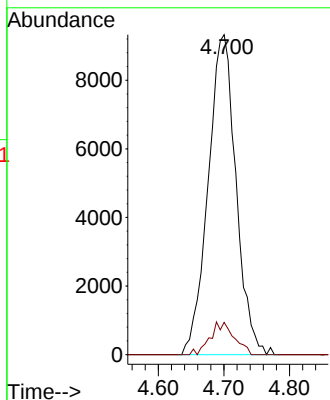
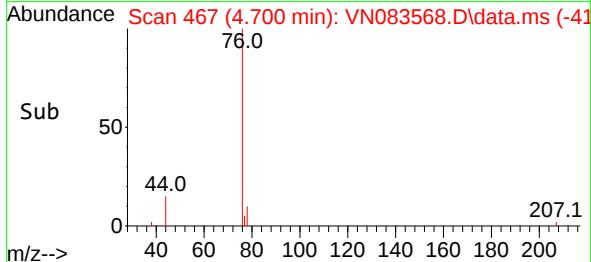
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



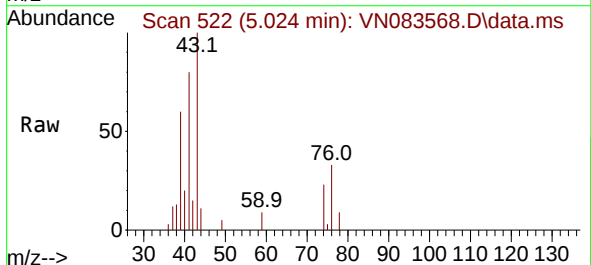
Tgt Ion: 76 Resp: 2753
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

Manual Integrations
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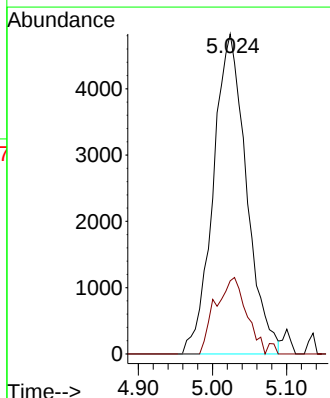
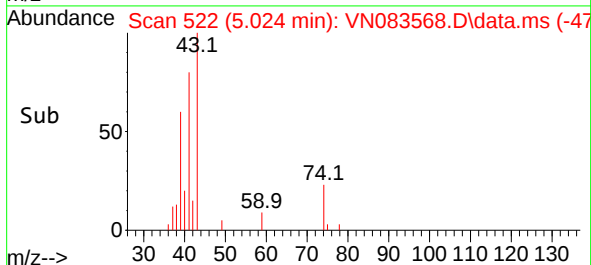
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

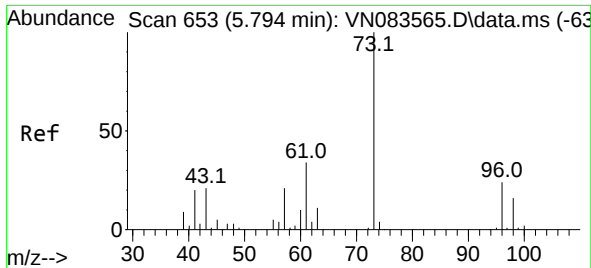


#18
Methyl Acetate
Concen: 5.400 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion: 43 Resp: 15013
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





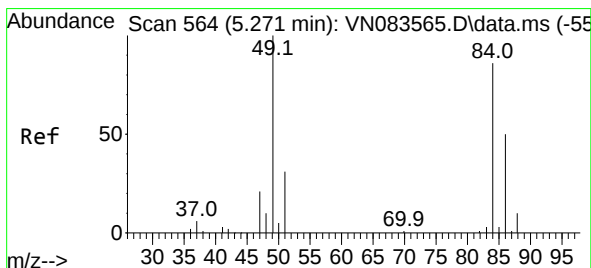
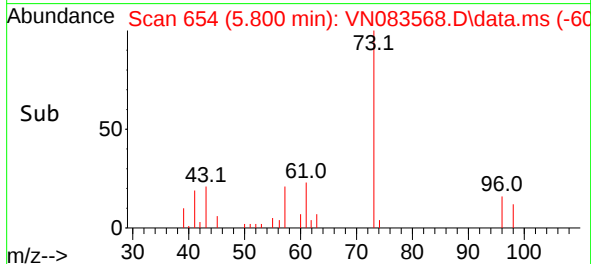
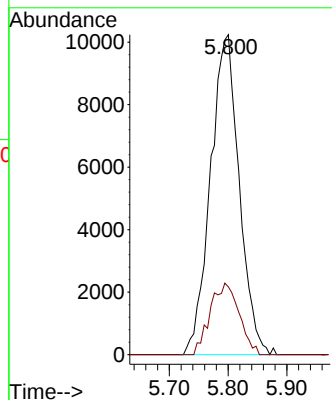
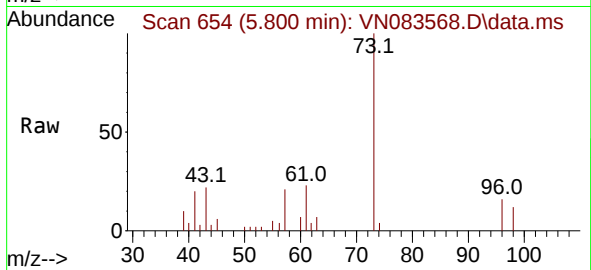
#19
Methyl tert-butyl Ether
Concen: 4.785 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3486
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6

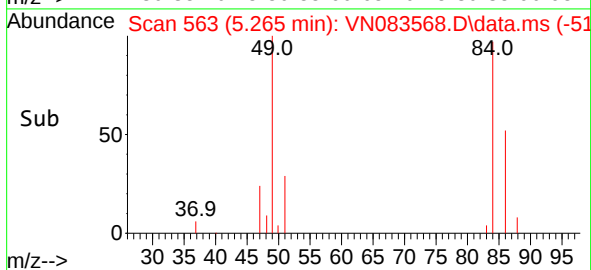
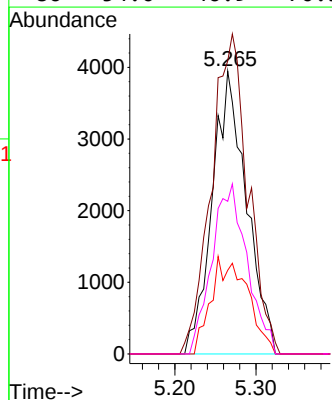
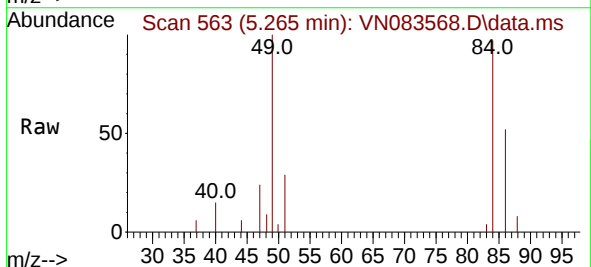
Manual Integrations
APPROVED

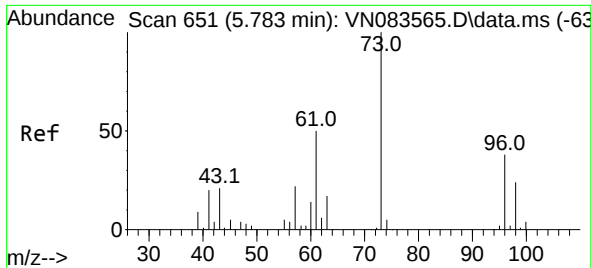
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 5.011 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 84 Resp: 11562
Ion Ratio Lower Upper
84 100
49 103.6 93.4 140.0
51 29.6 29.2 43.8
86 54.0 46.9 70.3





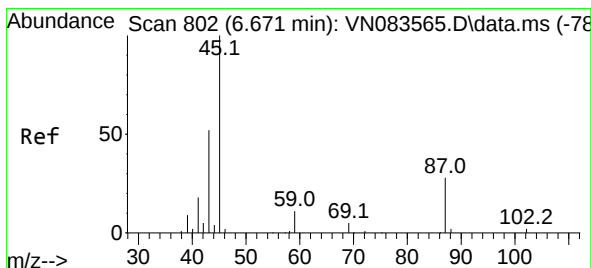
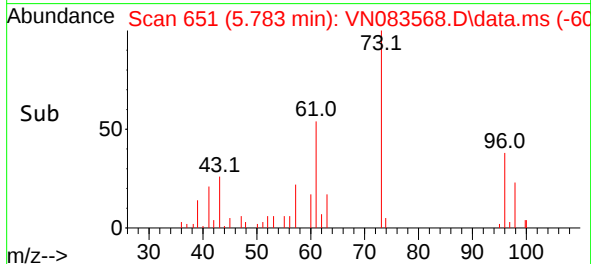
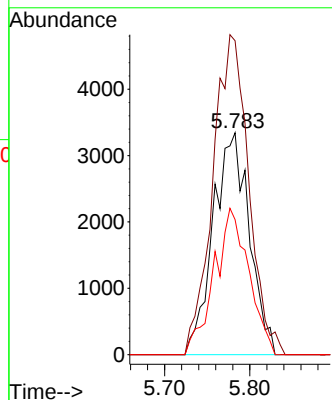
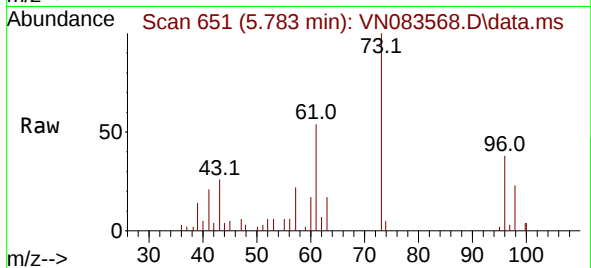
#21
trans-1,2-Dichloroethene
Concen: 4.610 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 9864
Ion Ratio Lower Upper
96 100
61 141.5 106.0 159.0
98 60.9 52.2 78.2

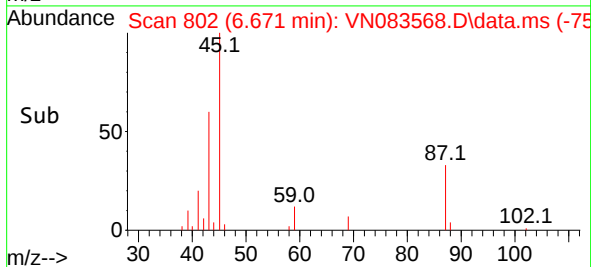
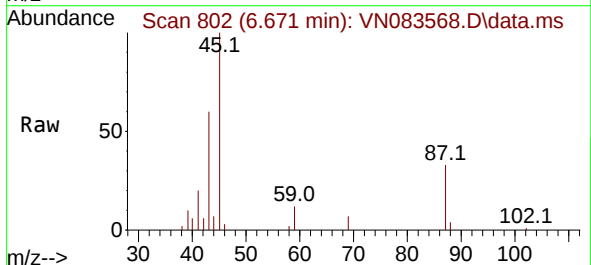
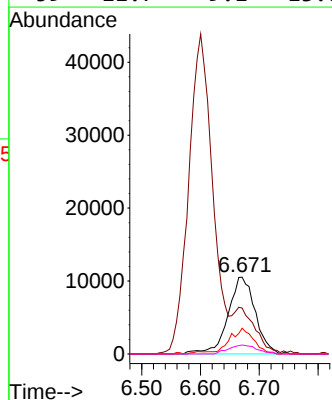
Manual Integrations
APPROVED

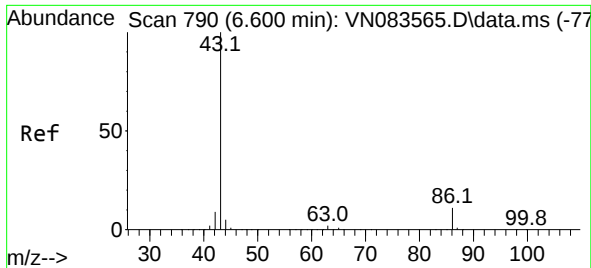
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 4.684 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 45 Resp: 33822
Ion Ratio Lower Upper
45 100
43 57.8 43.4 65.0
87 33.5 22.6 33.8
59 11.7 9.1 13.7





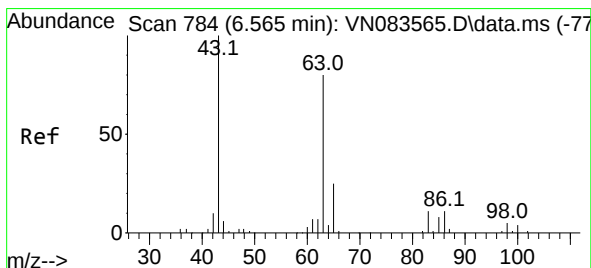
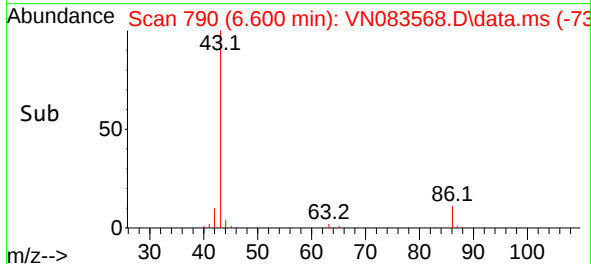
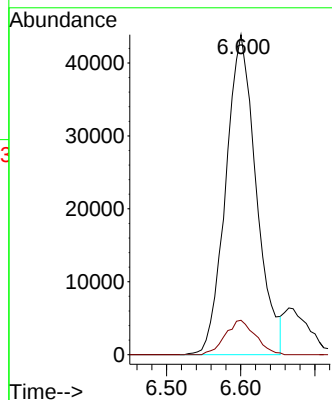
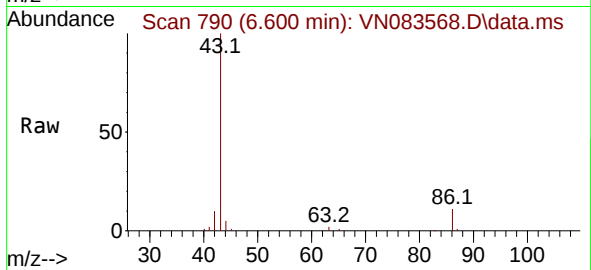
#23
 Vinyl Acetate
 Concen: 23.450 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 12549
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

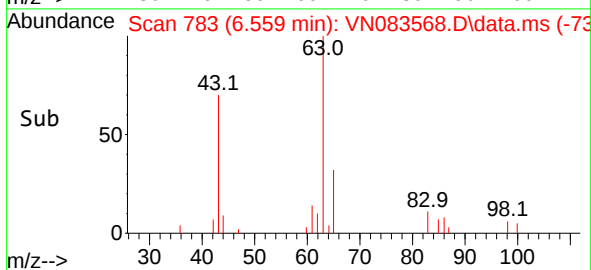
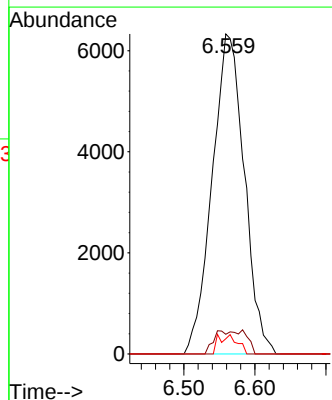
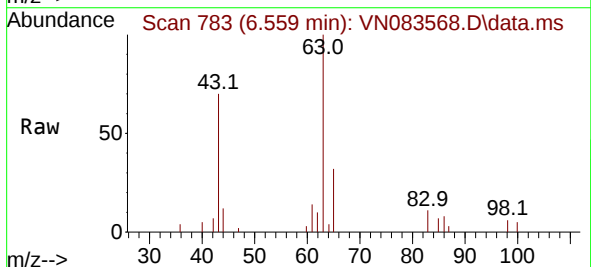
Manual Integrations
 APPROVED

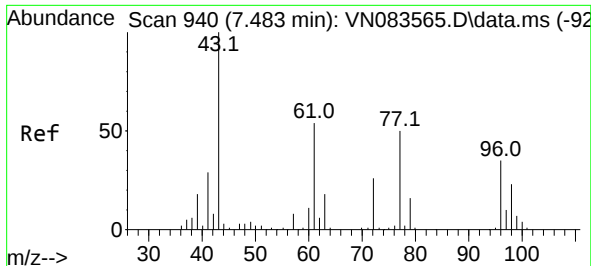
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 4.823 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Tgt Ion: 63 Resp: 19861
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.8 2.5 7.5





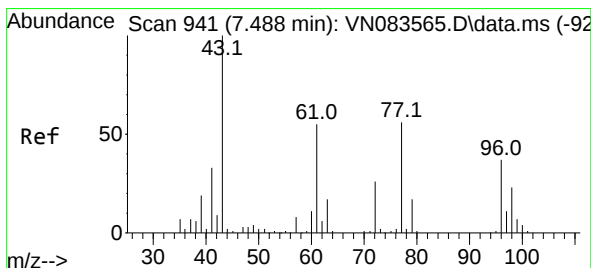
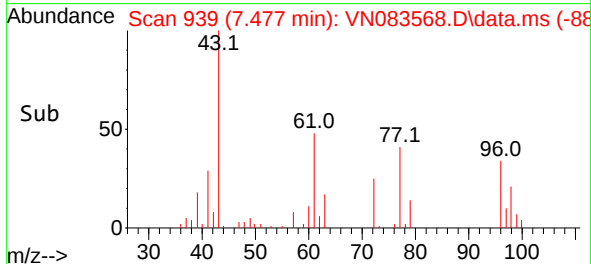
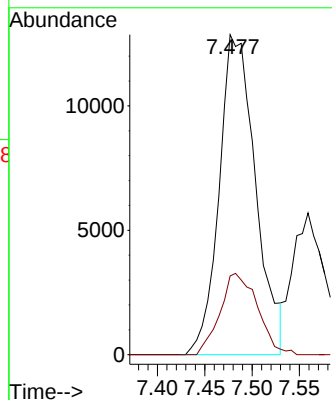
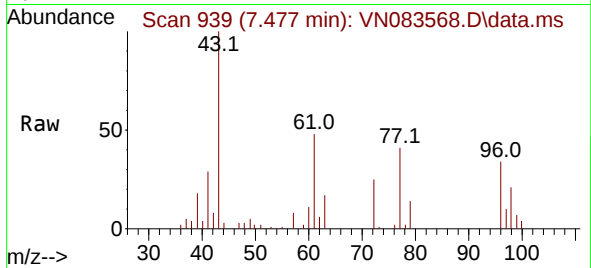
#25
2-Butanone
Concen: 24.182 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3440
Ion Ratio Lower Upper
43 100
72 24.6 20.8 31.2

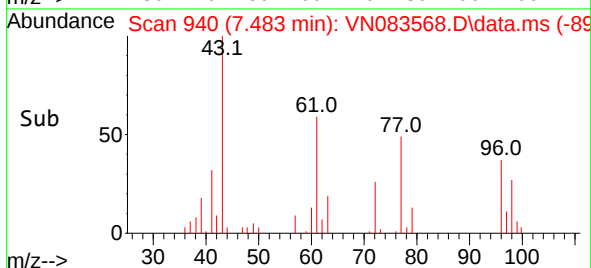
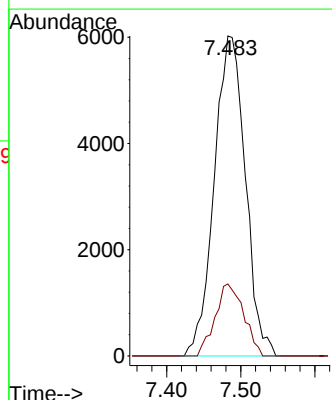
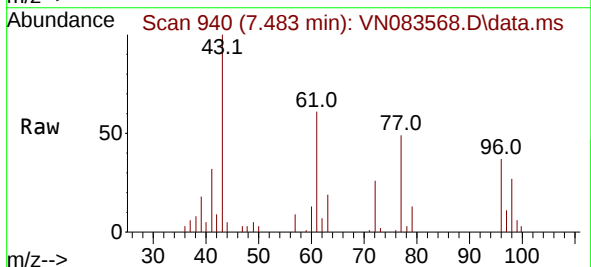
Manual Integrations
APPROVED

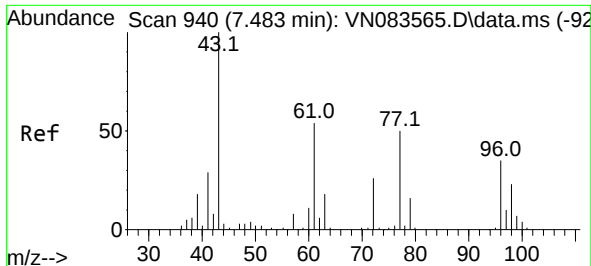
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 4.579 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 77 Resp: 17555
Ion Ratio Lower Upper
77 100
97 20.6 10.2 30.4





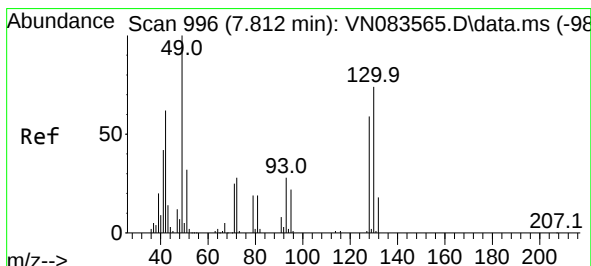
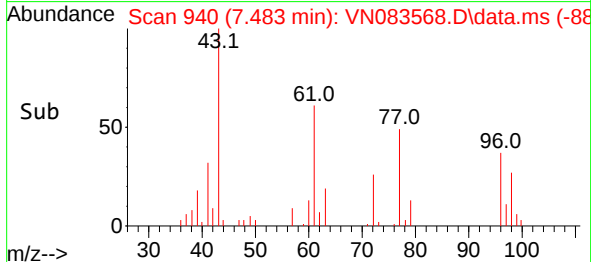
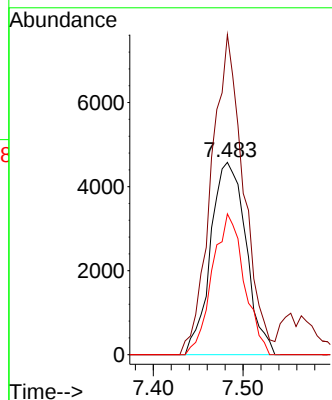
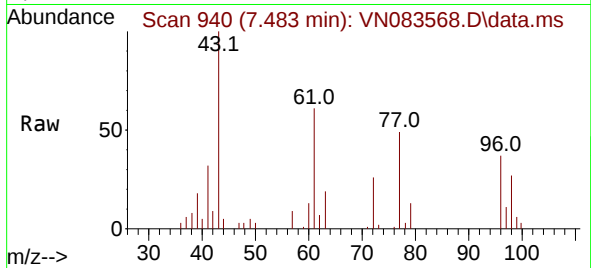
#27
 cis-1,2-Dichloroethene
 Concen: 4.911 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 12538
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 306.2
 98 66.1 0.0 128.6

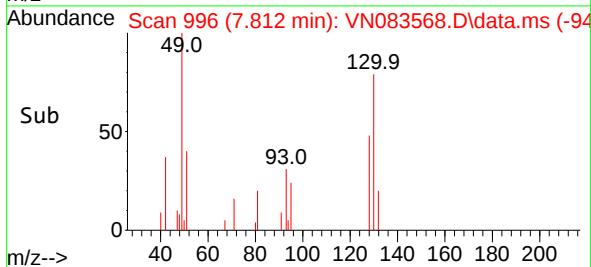
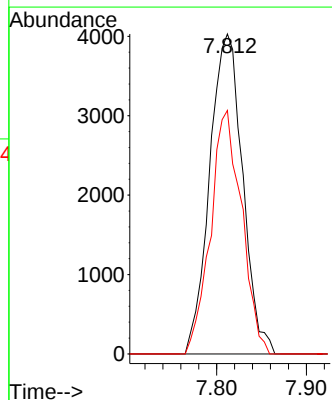
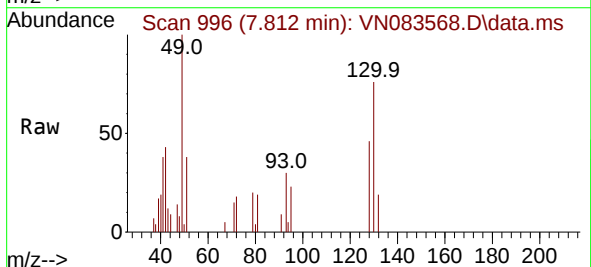
Manual Integrations
 APPROVED

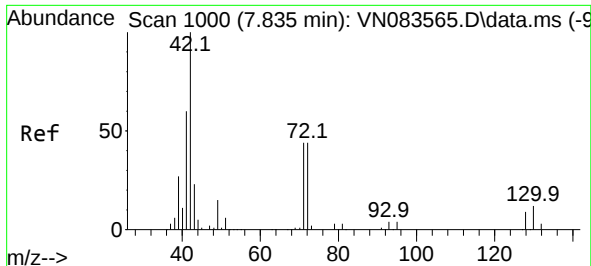
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#28
 Bromochloromethane
 Concen: 5.336 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

Tgt Ion: 49 Resp: 10261
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 71.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 24.509 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

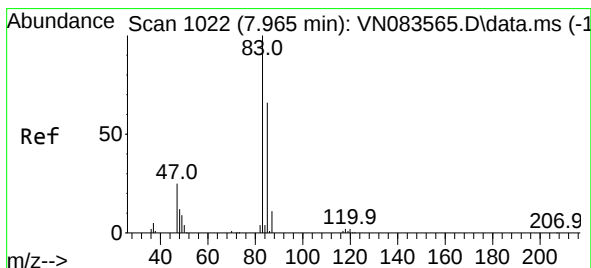
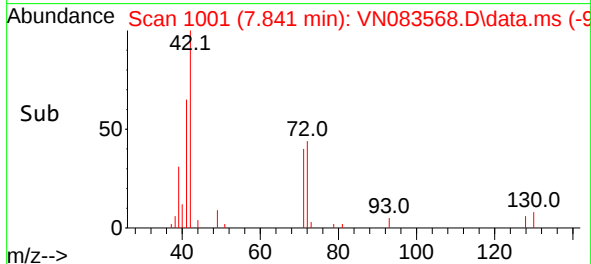
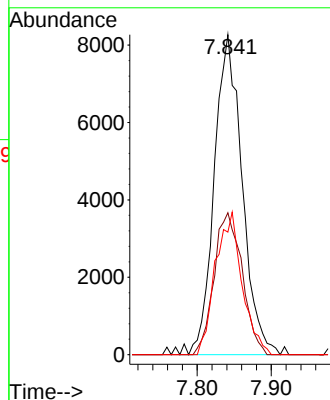
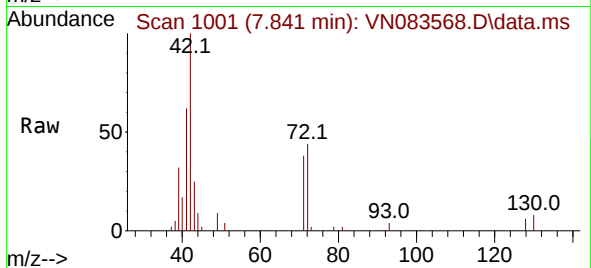
Tgt Ion: 42	Resp: 21629
Ion Ratio	Lower Upper
42	100
72	44.7 35.9 53.9
71	42.5 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#30

Chloroform

Concen: 4.788 ug/l

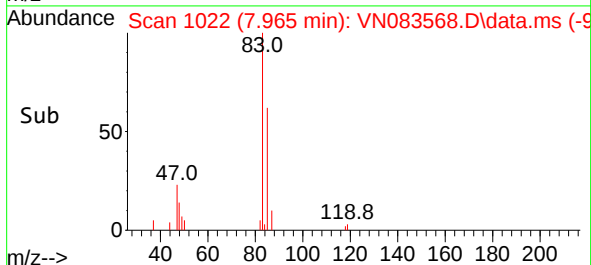
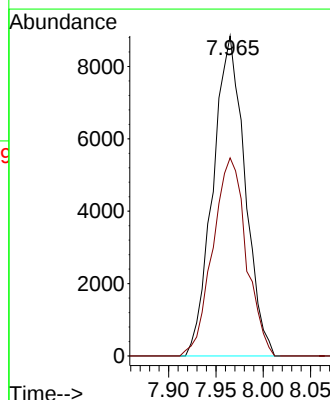
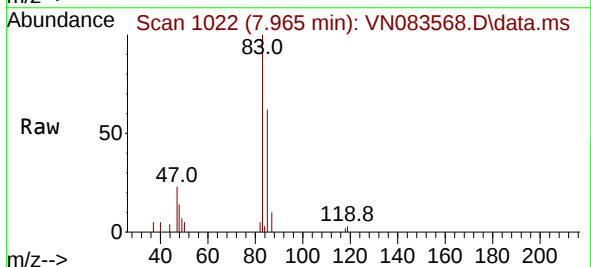
RT: 7.965 min Scan# 1022

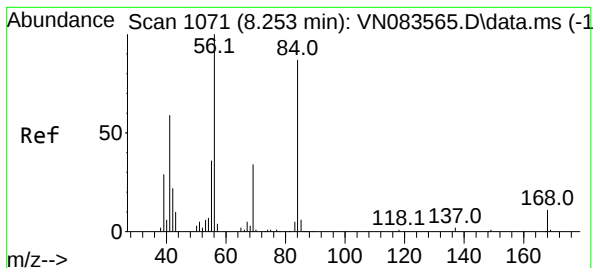
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Tgt Ion: 83	Resp: 20775
Ion Ratio	Lower Upper
83	100
85	61.9 52.8 79.2





#31

Cyclohexane

Concen: 5.401 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 2189

Ion Ratio Lower Upper

56 100

69 30.0 26.9 40.3

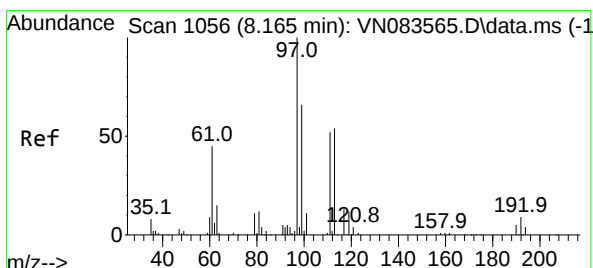
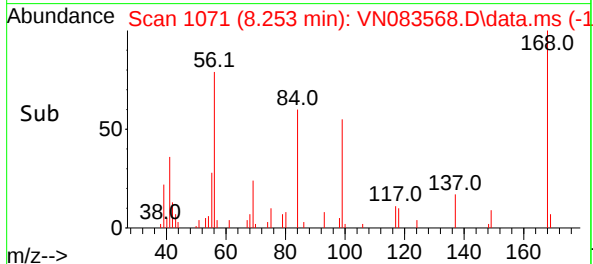
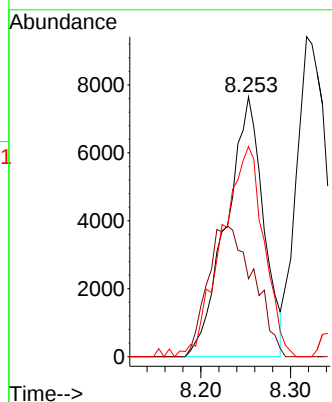
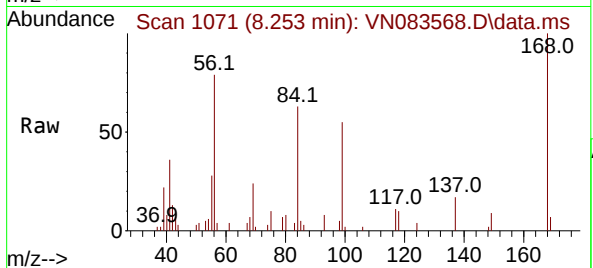
84 78.6 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#32

1,1,1-Trichloroethane

Concen: 4.715 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

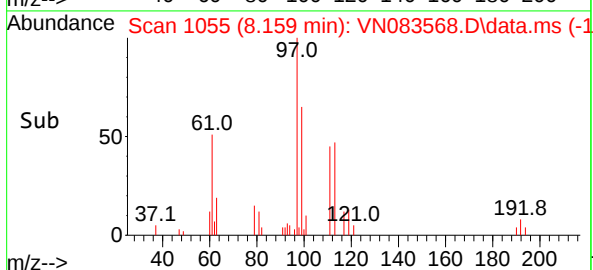
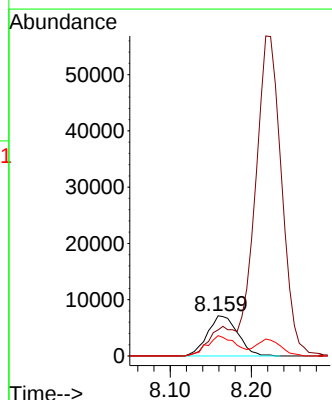
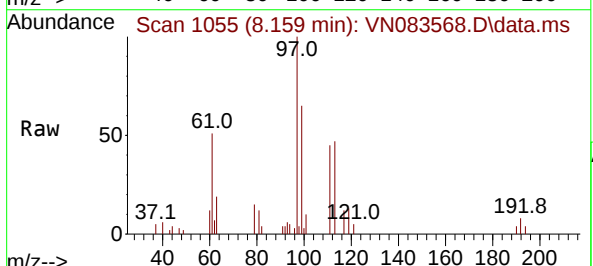
Tgt Ion: 97 Resp: 18496

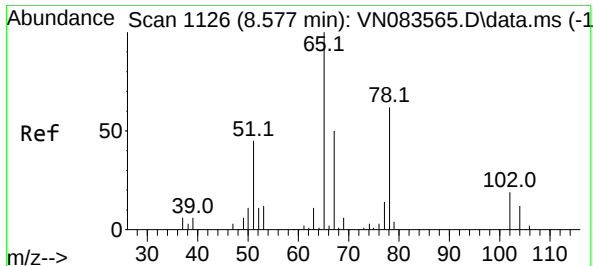
Ion Ratio Lower Upper

97 100

99 47.1 52.3 78.5

61 47.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 4.012 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1051

Ion Ratio Lower Upper

65 100

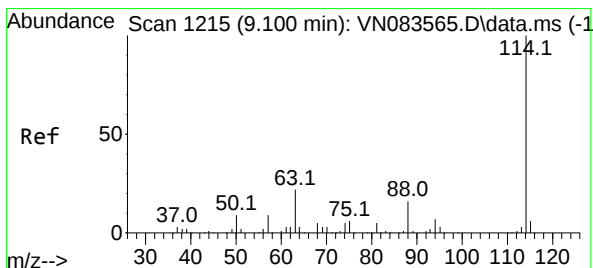
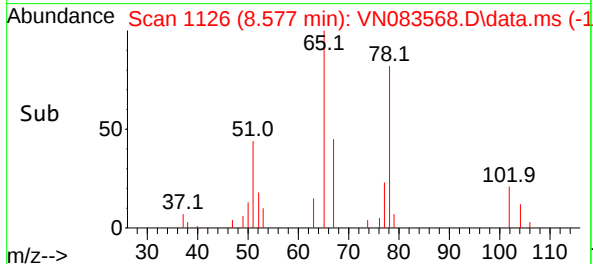
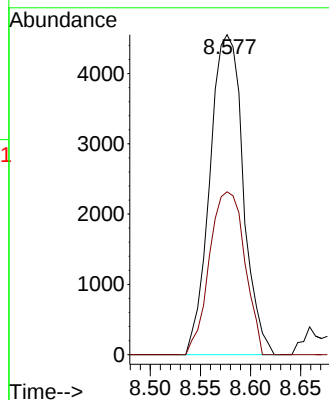
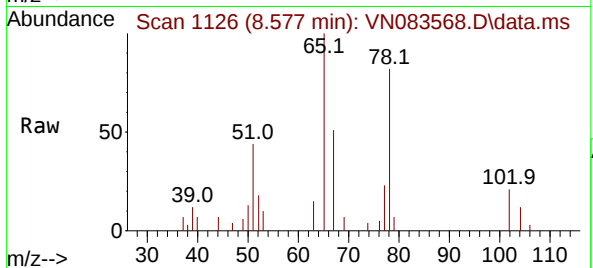
67 54.0 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

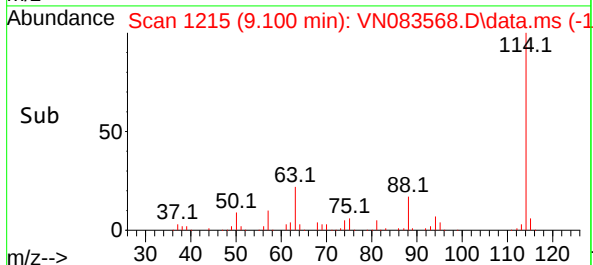
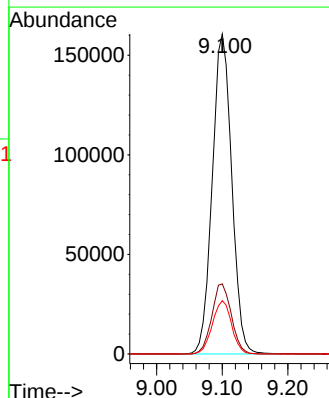
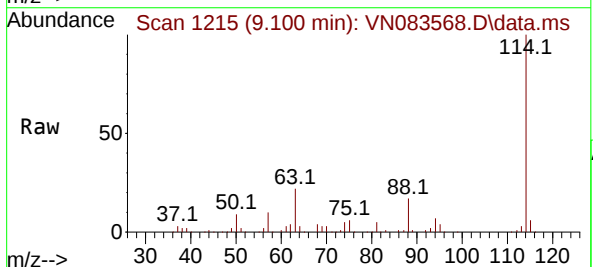
Tgt Ion:114 Resp: 330808

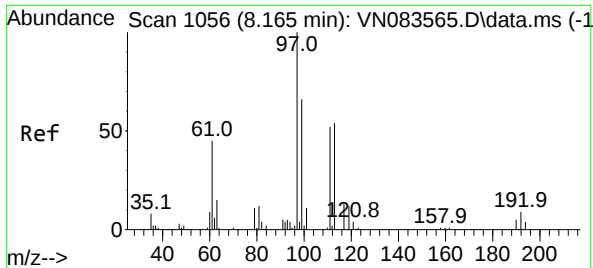
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

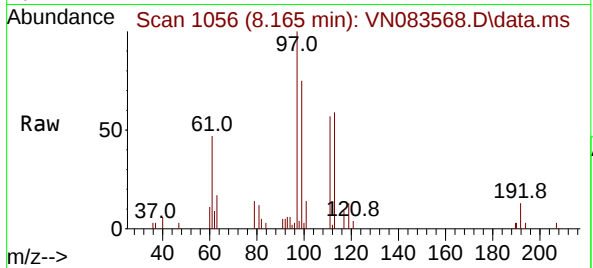
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 4.668 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

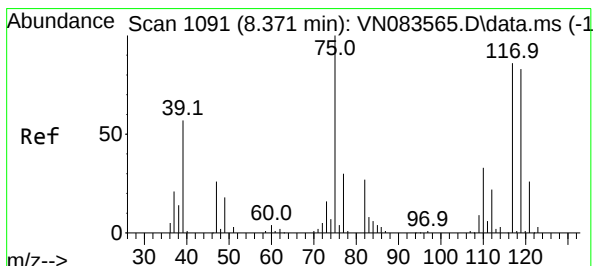
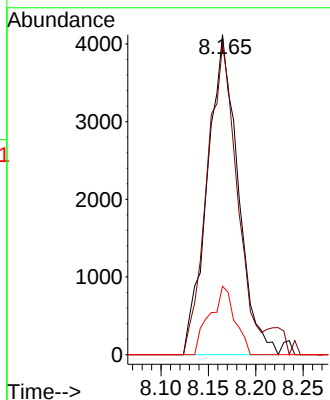
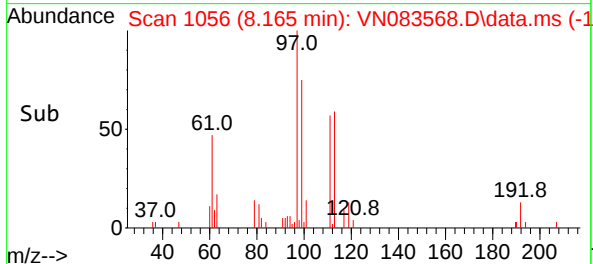
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



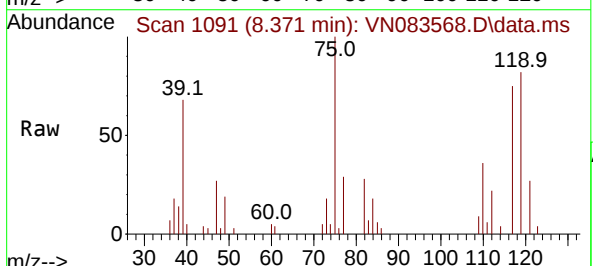
Tgt Ion: 113 Resp: 929
Ion Ratio Lower Upper
113 100
111 95.2 82.6 124.0
192 17.4 14.3 21.5

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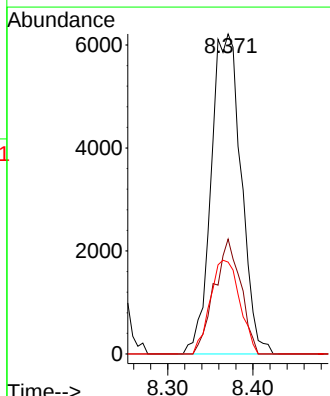
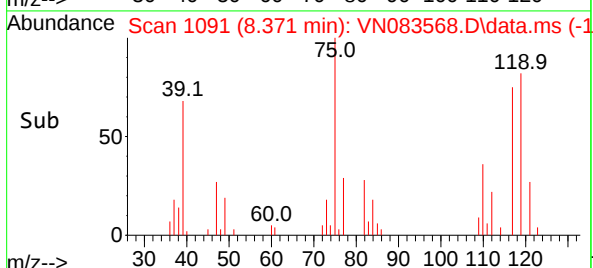
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

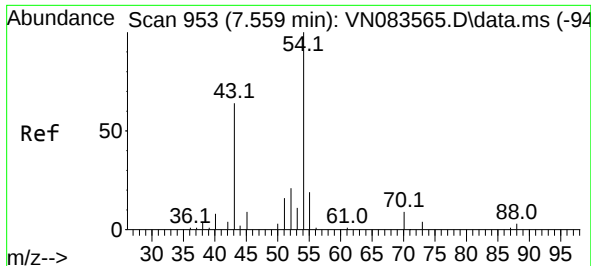


#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion: 75 Resp: 15179
Ion Ratio Lower Upper
75 100
110 31.6 16.7 50.1
77 28.8 25.2 37.8





#37

Ethyl Acetate

Concen: 4.775 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

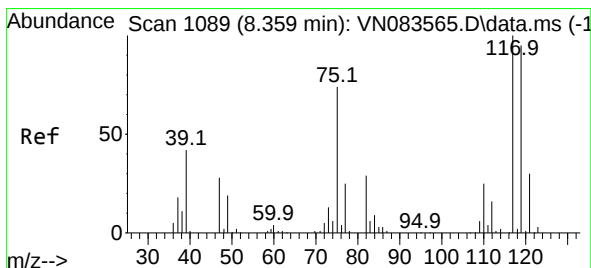
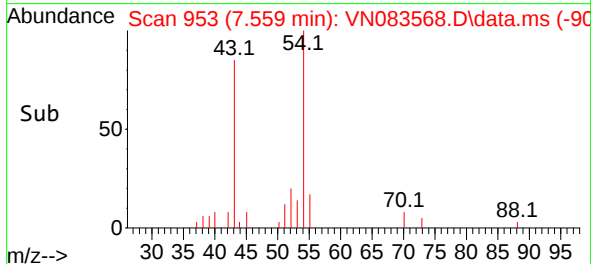
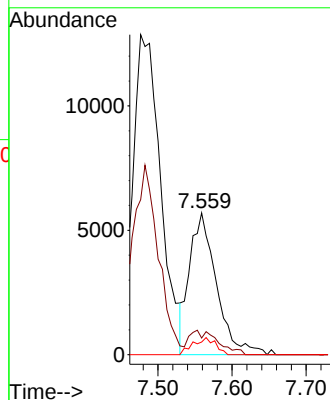
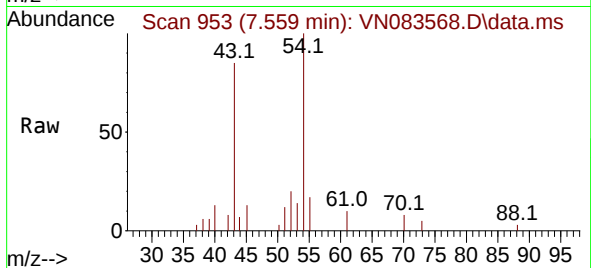
Tgt Ion: 43	Resp: 1443
Ion Ratio	Lower Upper
43 100	
61 5.0	11.1 16.7
70 9.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#38

Carbon Tetrachloride

Concen: 4.663 ug/l

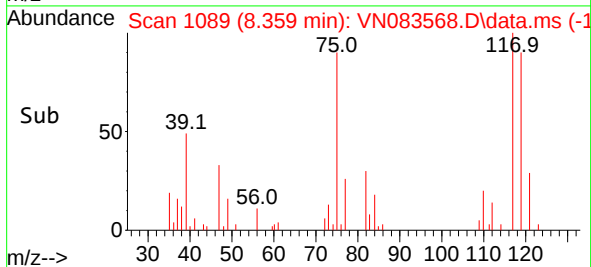
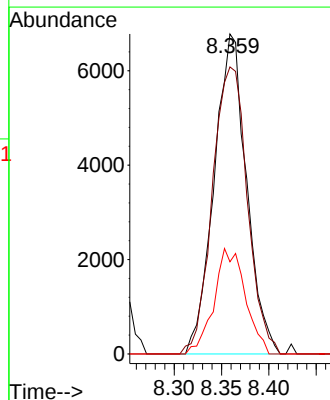
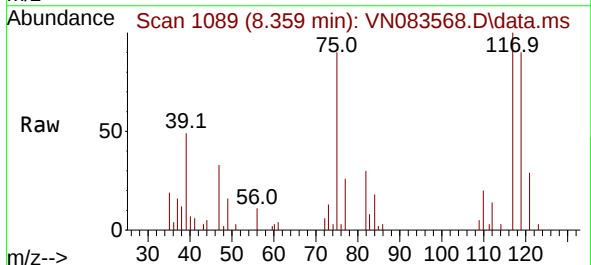
RT: 8.359 min Scan# 1089

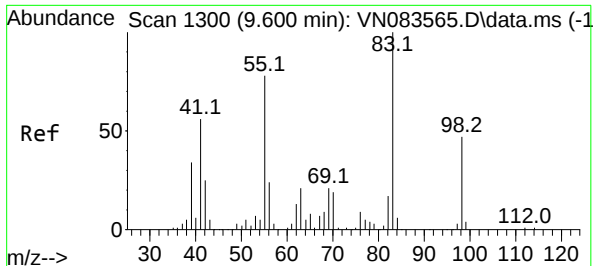
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Tgt Ion: 117	Resp: 16156
Ion Ratio	Lower Upper
117 100	
119 89.7	76.1 114.1
121 28.8	24.1 36.1





#39

Methylcyclohexane

Concen: 4.361 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

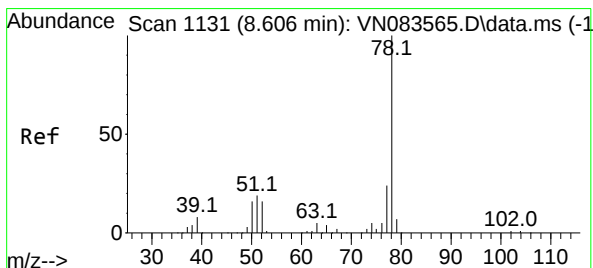
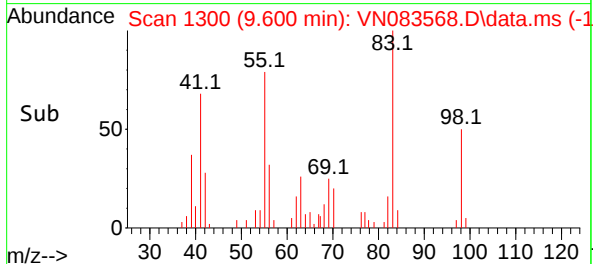
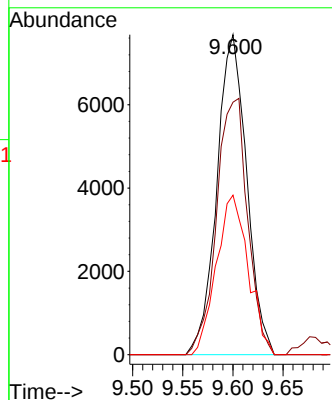
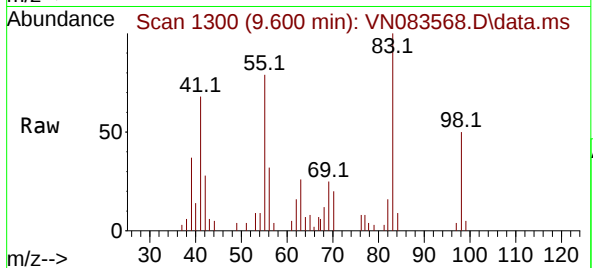
Tgt Ion: 83	Resp: 1589
Ion Ratio	Lower Upper
83	100
55	78.9 62.2 93.4
98	49.9 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#40

Benzene

Concen: 4.827 ug/l

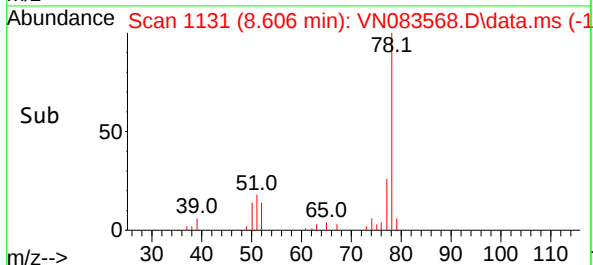
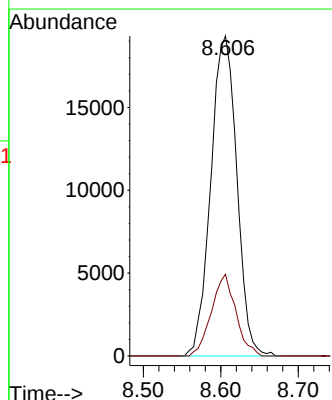
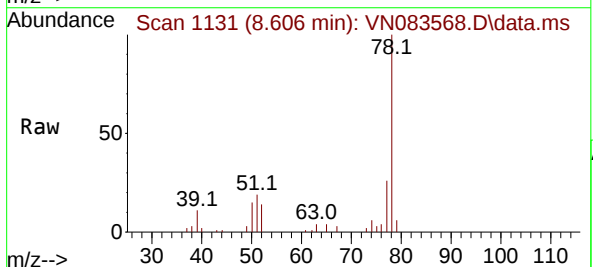
RT: 8.606 min Scan# 1131

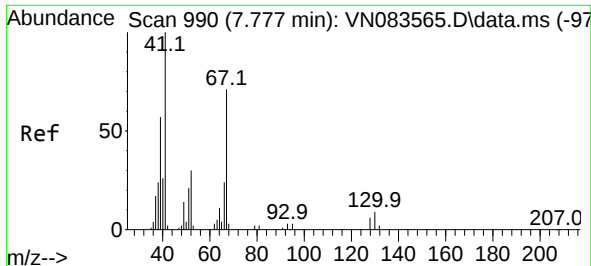
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

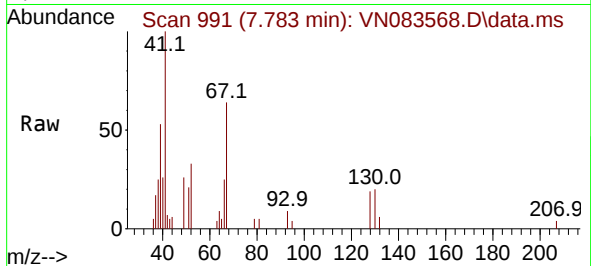
Tgt Ion: 78	Resp: 45095
Ion Ratio	Lower Upper
78	100
77	25.5 19.0 28.6





#41
Methacrylonitrile
Concen: 4.766 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

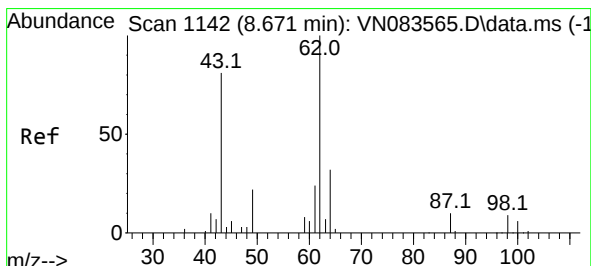
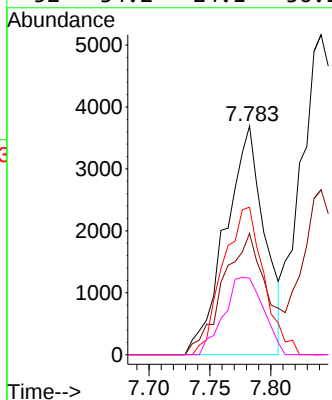
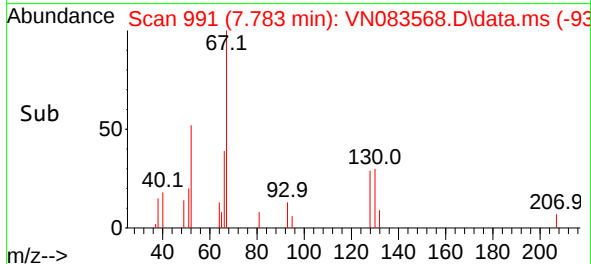
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 8220
Ion Ratio Lower Upper
41 100
39 60.5 45.4 68.2
67 67.3 55.9 83.9
52 34.2 24.1 36.1

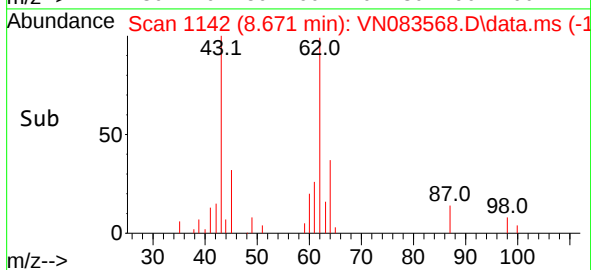
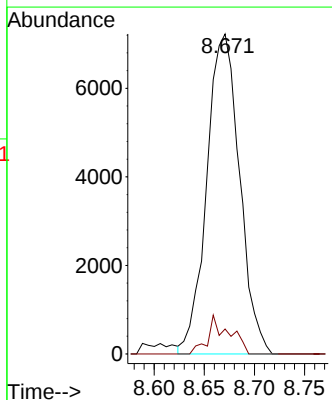
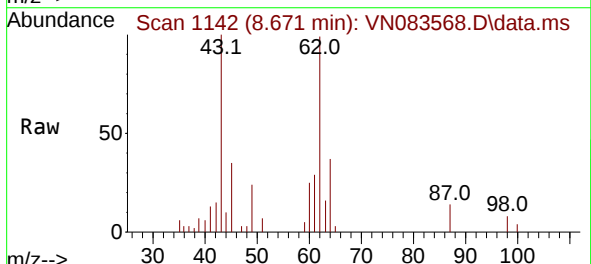
Manual Integrations
APPROVED

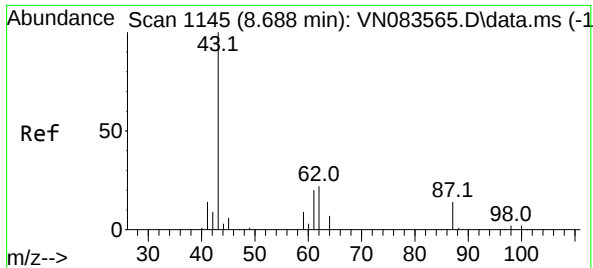
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 4.749 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

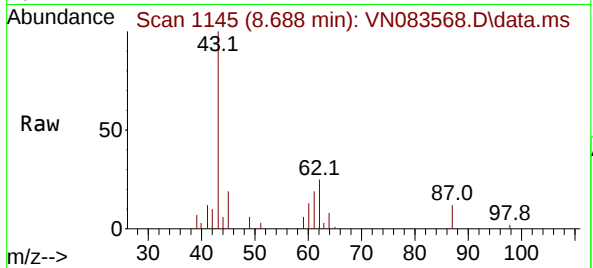
Tgt Ion: 62 Resp: 16446
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.6





#43
Isopropyl Acetate
Concen: 4.996 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

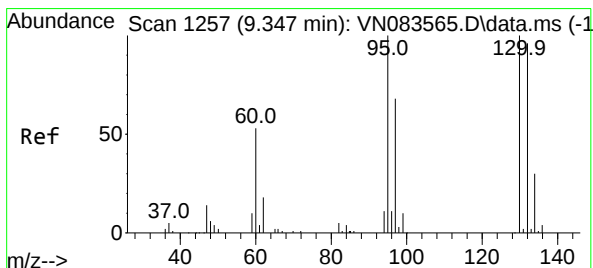
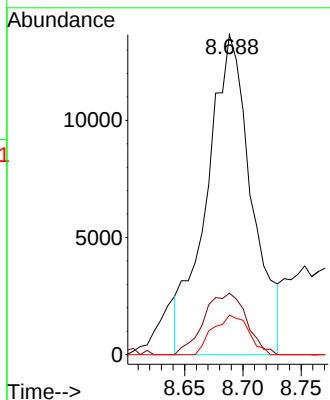
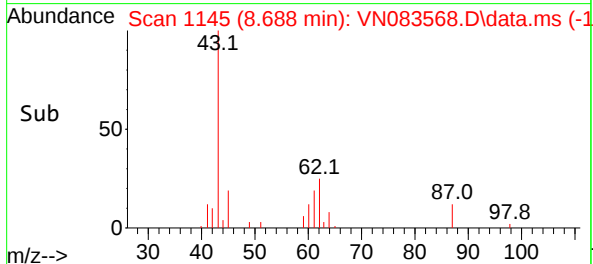
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
61 18.2 19.4 29.0
87 9.8 9.8 14.6

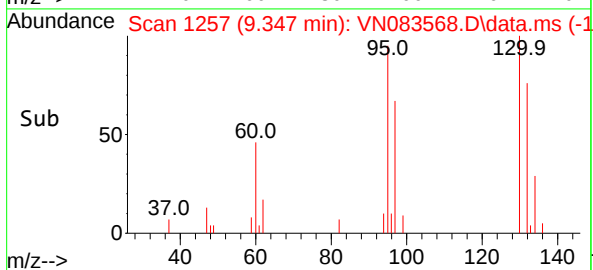
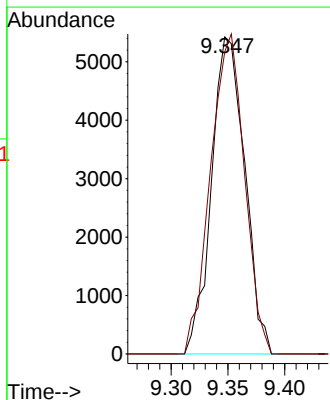
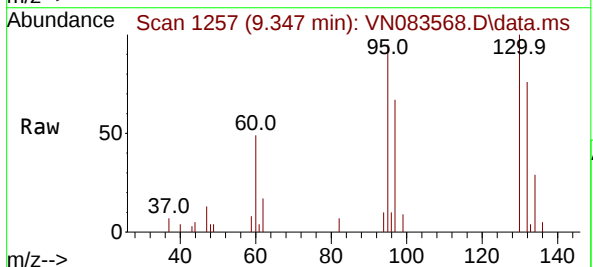
Manual Integrations
APPROVED

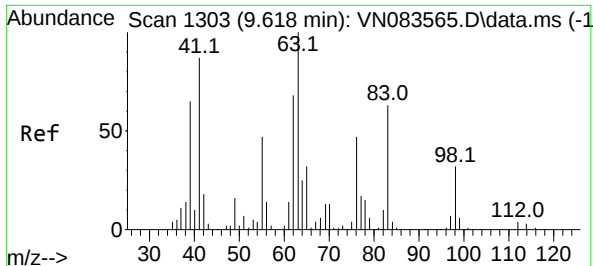
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#44
Trichloroethene
Concen: 4.924 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

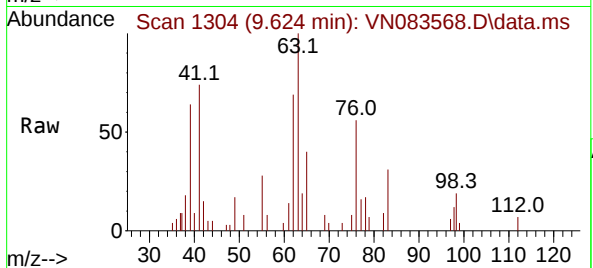
Tgt Ion:130 Resp: 11066
Ion Ratio Lower Upper
130 100
95 95.3 0.0 200.4





#45
1,2-Dichloropropane
Concen: 4.631 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

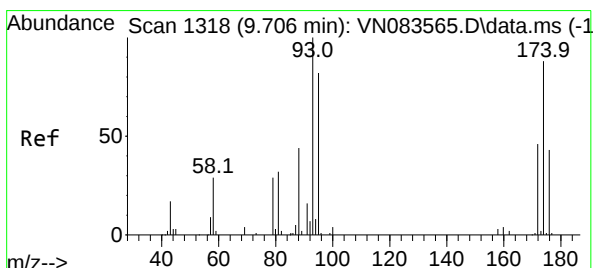
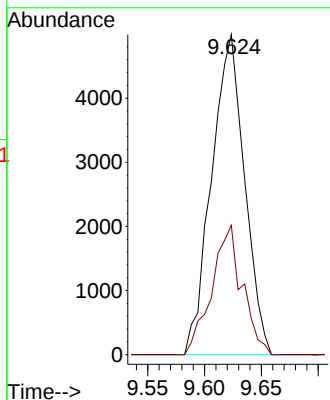
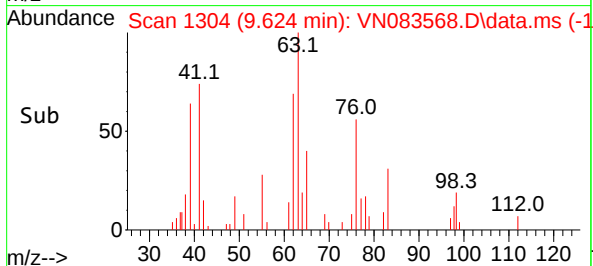
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 10078
Ion Ratio Lower Upper
63 100
65 40.5 25.9 38.9

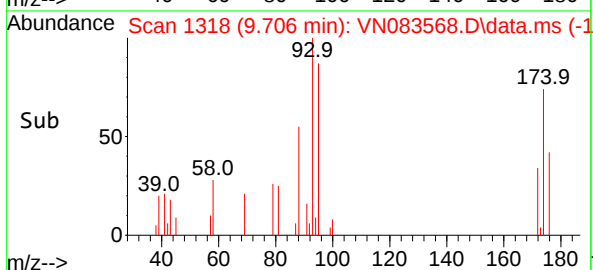
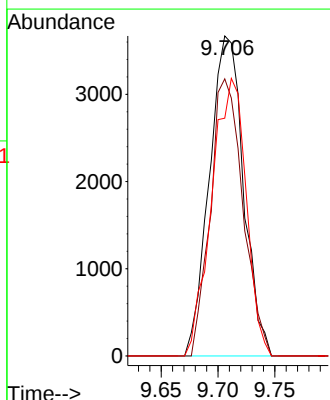
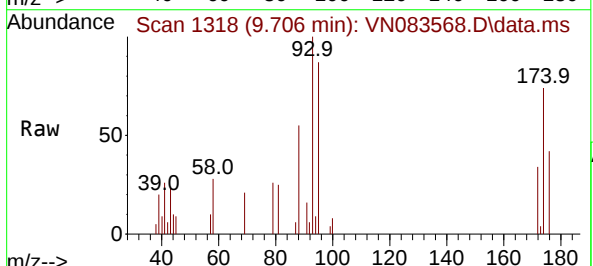
Manual Integrations
APPROVED

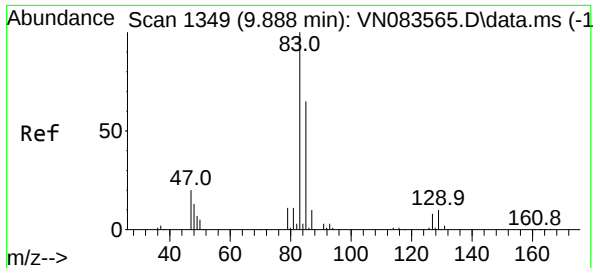
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#46
Dibromomethane
Concen: 4.774 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 93 Resp: 7665
Ion Ratio Lower Upper
93 100
95 82.8 65.3 97.9
174 87.2 71.0 106.4





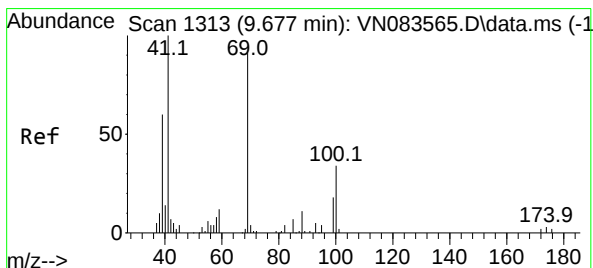
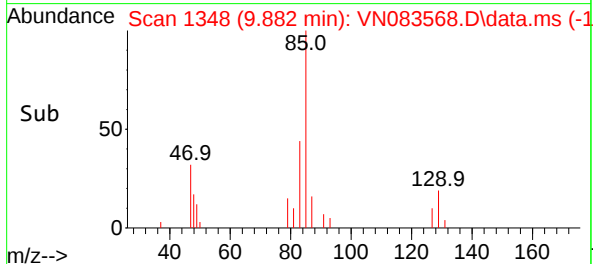
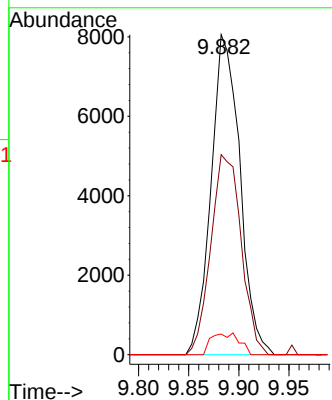
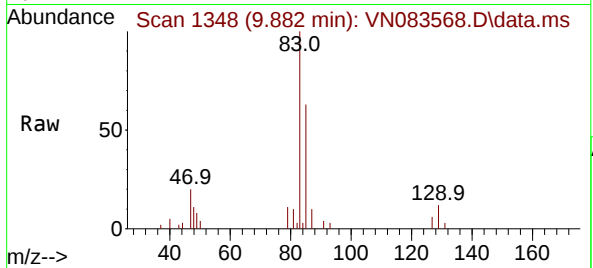
#47
Bromodichloromethane
Concen: 4.700 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1606
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8
127 6.4 6.6 9.8

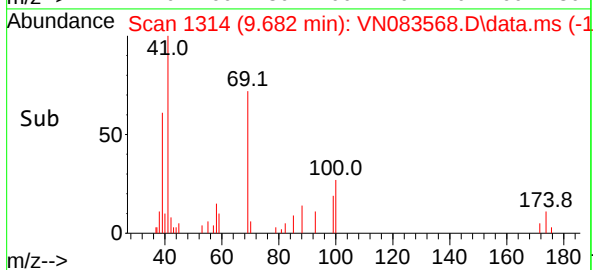
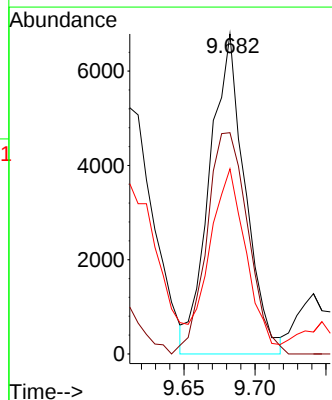
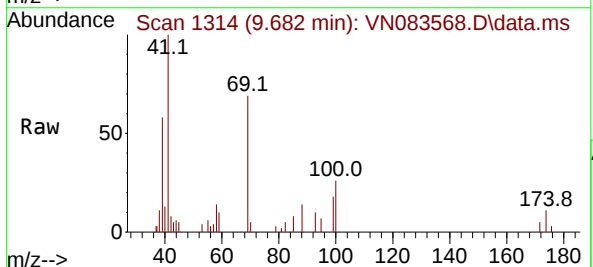
Manual Integrations
APPROVED

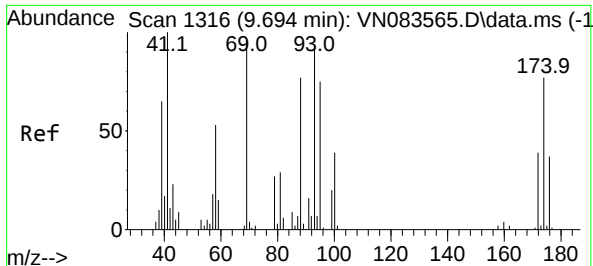
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#48
Methyl methacrylate
Concen: 4.756 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

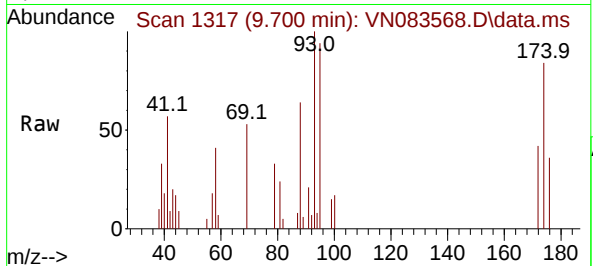
Tgt Ion: 41 Resp: 11790
Ion Ratio Lower Upper
41 100
69 80.5 64.3 96.5
39 60.0 48.9 73.3





#49
1,4-Dioxane
Concen: 101.547 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

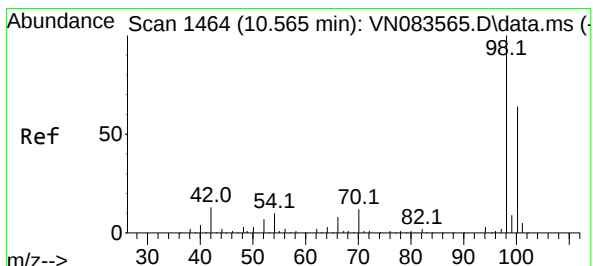
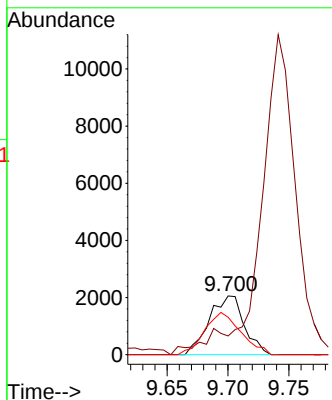
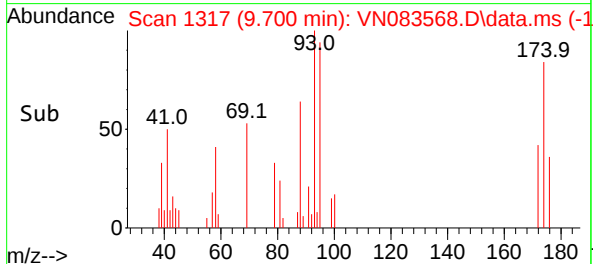
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 4125
Ion Ratio Lower Upper
88 100
43 33.6 0.0 0.0
58 74.1 57.1 85.7

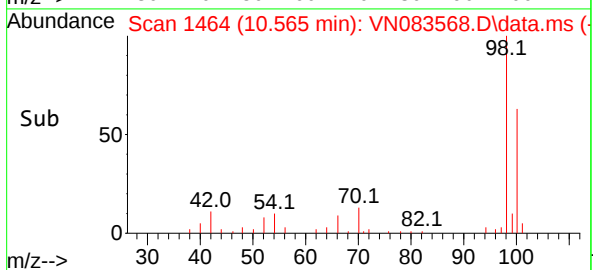
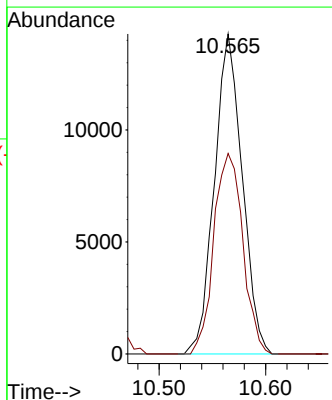
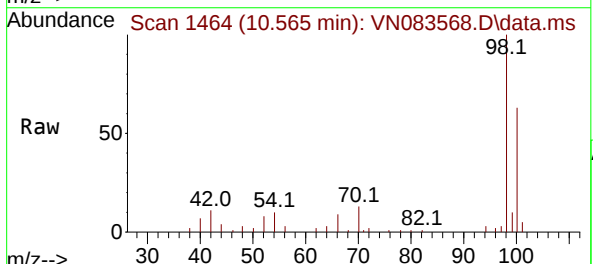
Manual Integrations
APPROVED

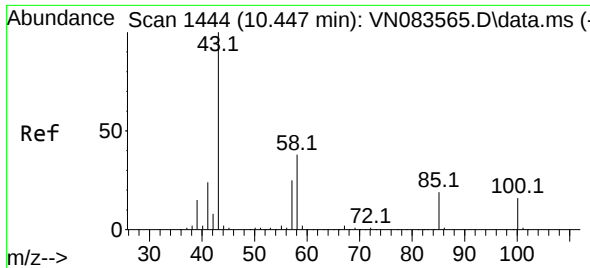
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#50
Toluene-d8
Concen: 4.402 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 98 Resp: 25911
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





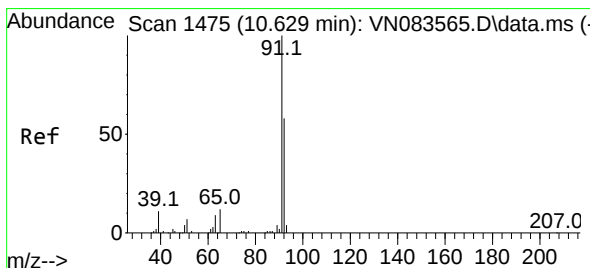
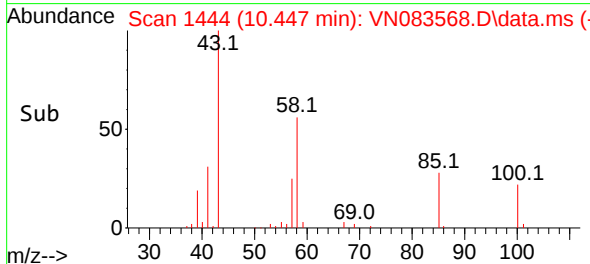
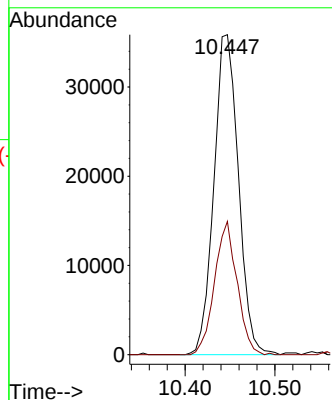
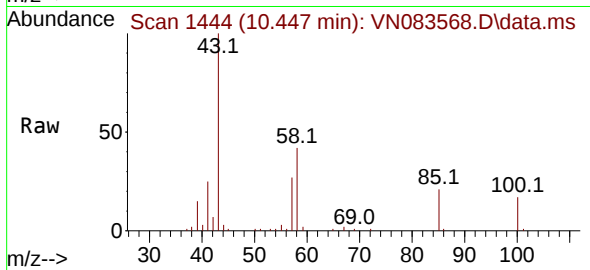
#51
4-Methyl-2-Pentanone
Concen: 24.220 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6805
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4

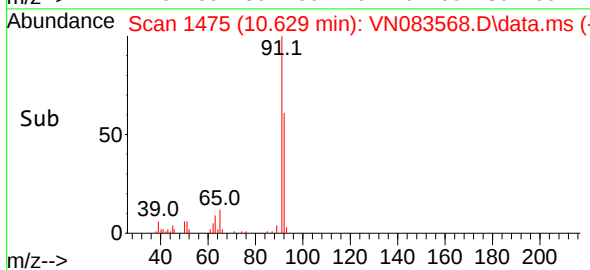
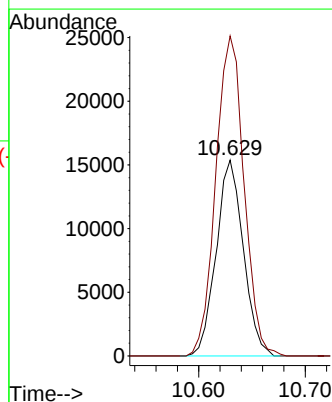
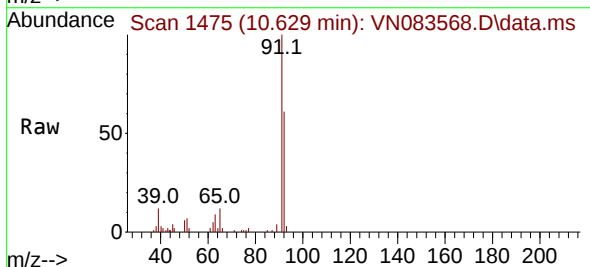
Manual Integrations
APPROVED

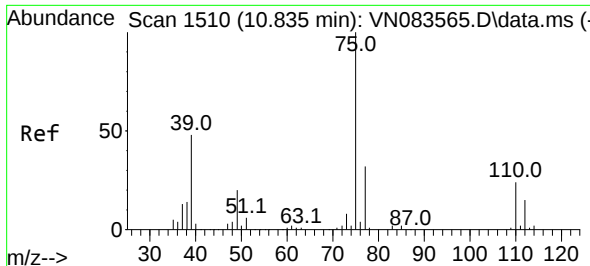
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#52
Toluene
Concen: 4.658 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

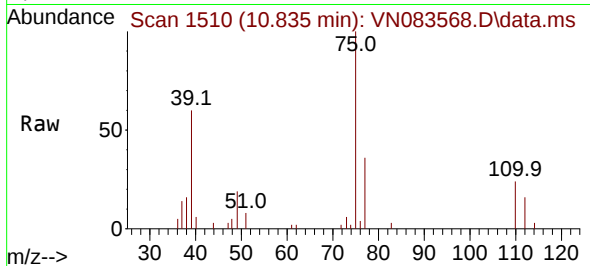
Tgt Ion: 92 Resp: 27218
Ion Ratio Lower Upper
92 100
91 170.2 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 4.582 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

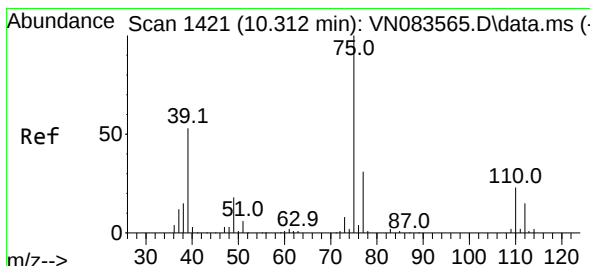
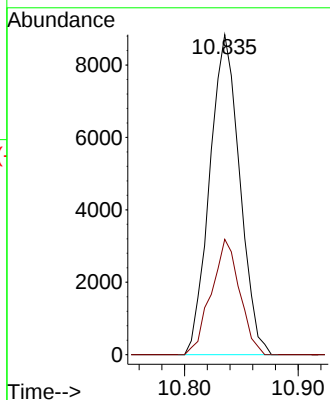
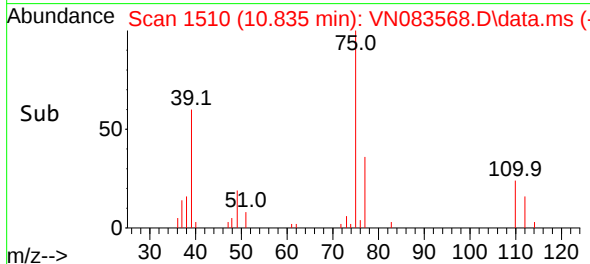
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



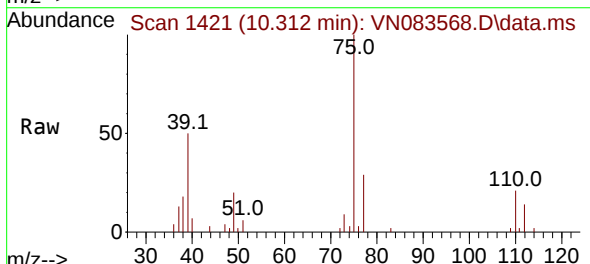
Tgt Ion: 75 Resp: 1621
Ion Ratio Lower Upper
75 100
77 36.1 25.8 38.6

Manual Integrations
APPROVED

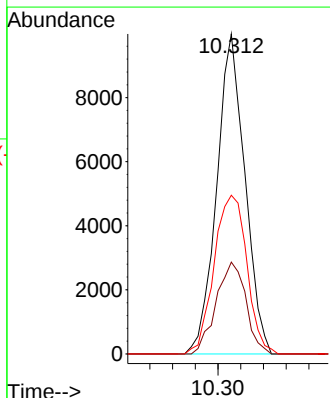
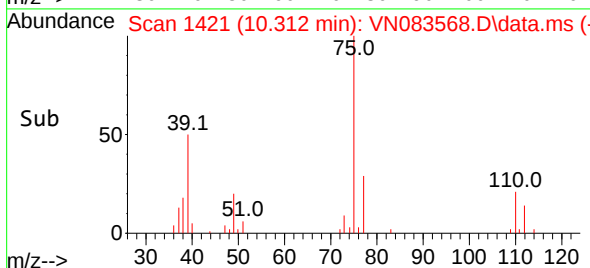
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

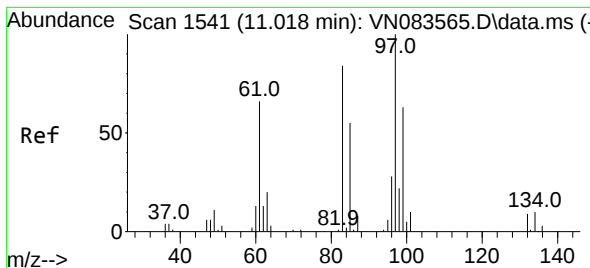


#54
cis-1,3-Dichloropropene
Concen: 4.637 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion: 75 Resp: 17222
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.6
39 49.6 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 4.813 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 1003

Ion Ratio Lower Upper

97 100

83 85.1 67.5 101.3

85 53.8 44.2 66.2

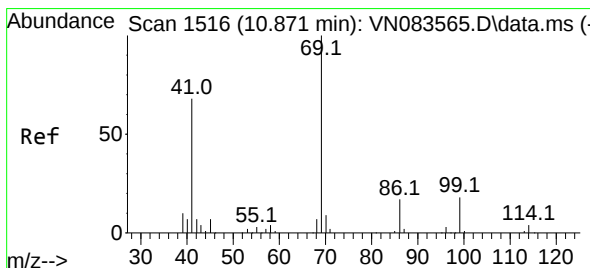
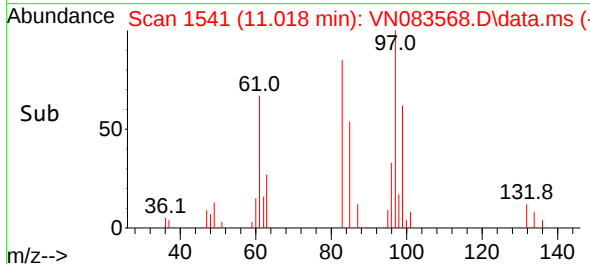
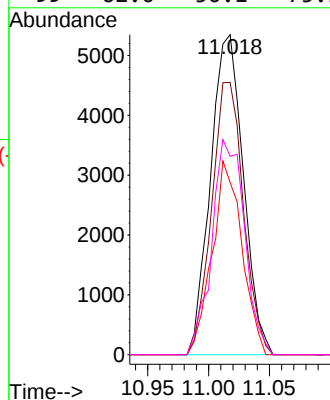
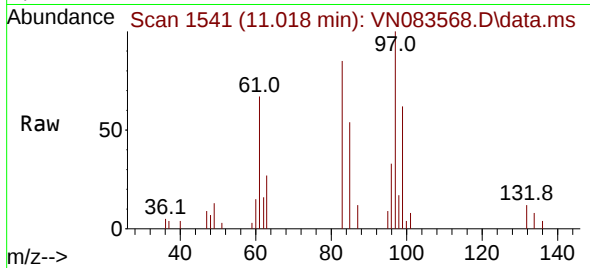
99 62.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#56

Ethyl methacrylate

Concen: 4.669 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

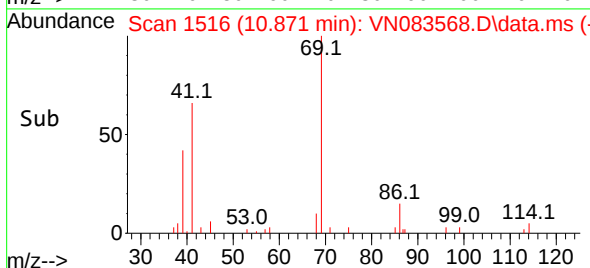
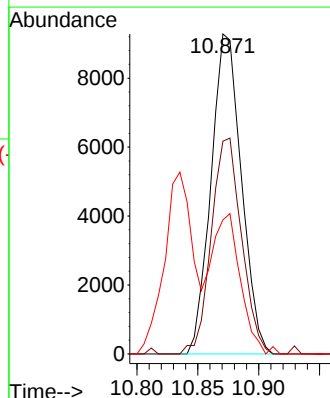
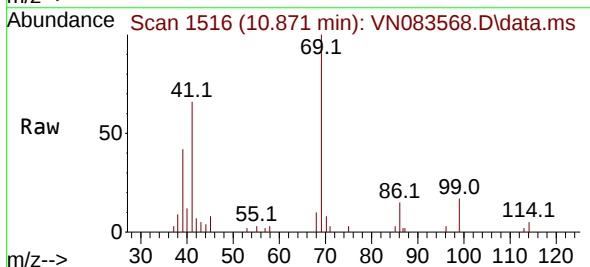
Tgt Ion: 69 Resp: 16107

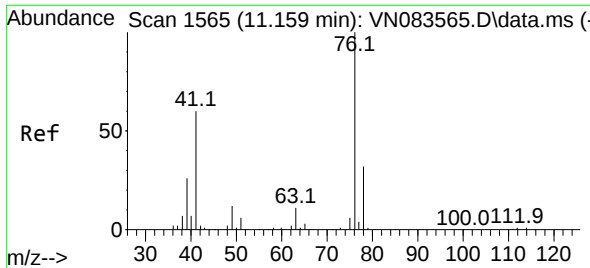
Ion Ratio Lower Upper

69 100

41 67.1 53.9 80.9

39 42.2 32.6 48.8





#57
1,3-Dichloropropane
Concen: 4.656 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

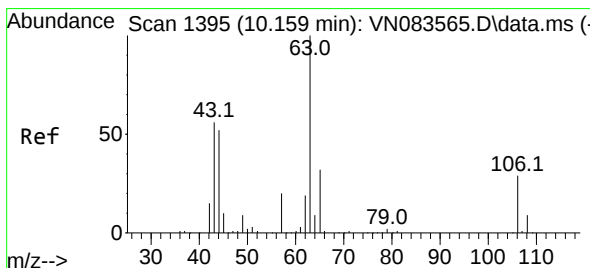
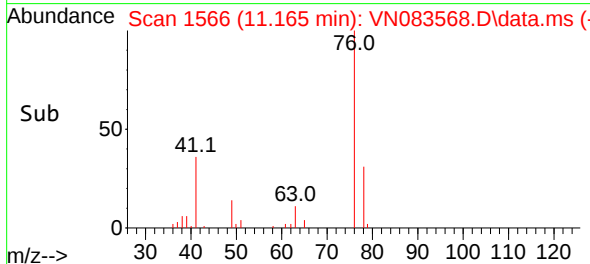
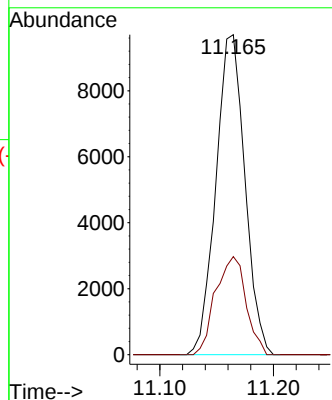
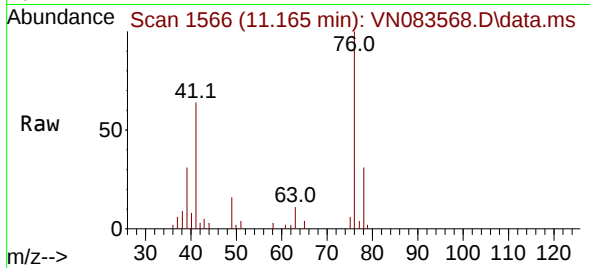
VSTDICC005

Tgt Ion: 76 Resp: 17190
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

Manual Integrations

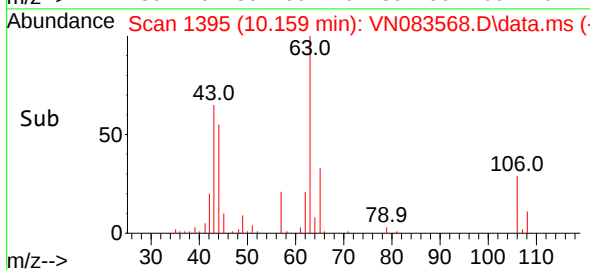
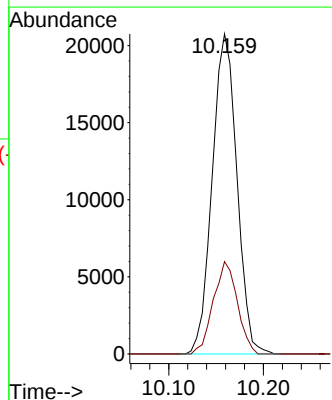
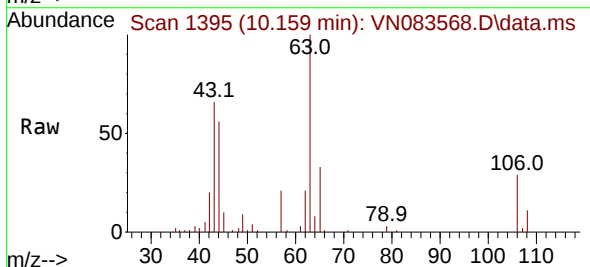
APPROVED

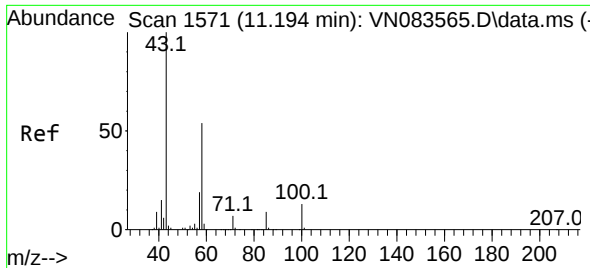
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.107 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

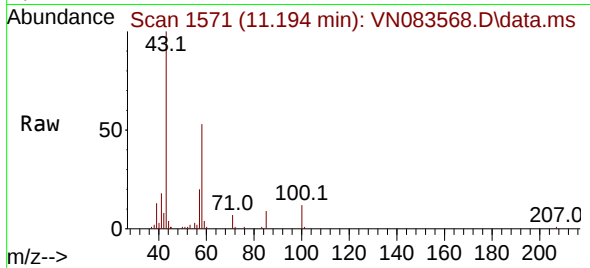
Tgt Ion: 63 Resp: 37637
Ion Ratio Lower Upper
63 100
106 28.1 23.3 34.9





#59
2-Hexanone
Concen: 24.228 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

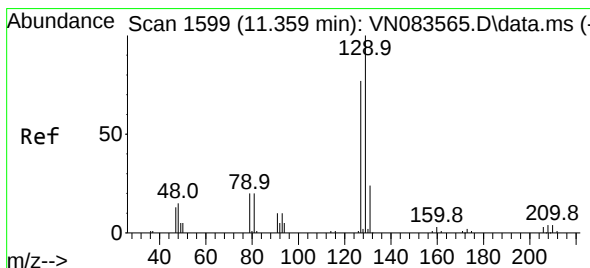
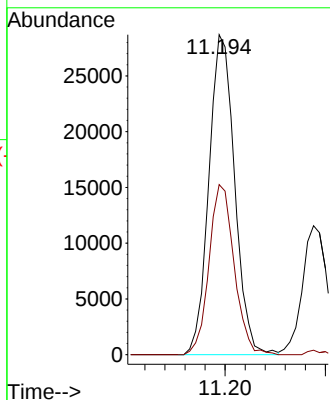
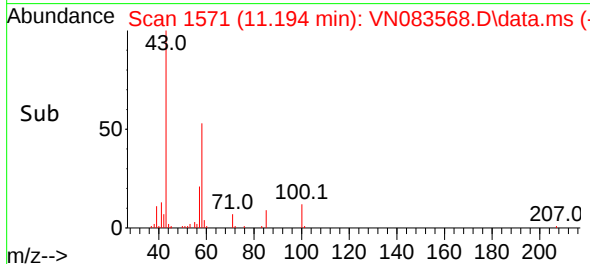
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 51092
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.5

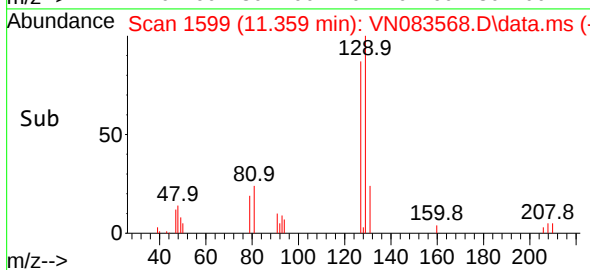
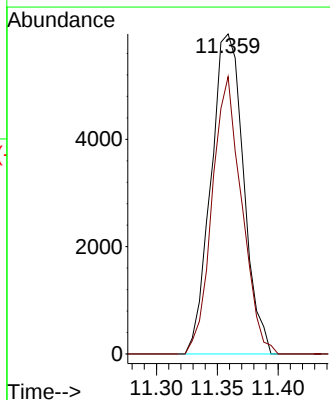
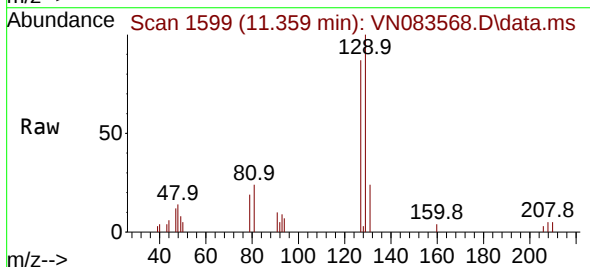
Manual Integrations
APPROVED

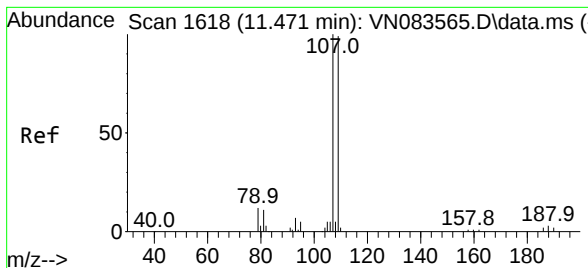
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 4.604 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:129 Resp: 11126
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9





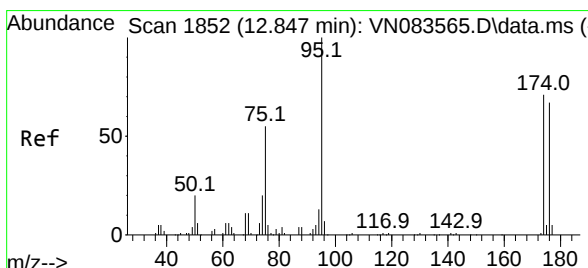
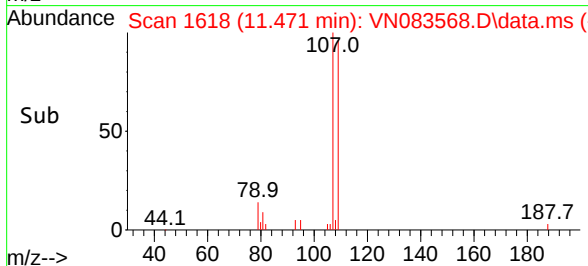
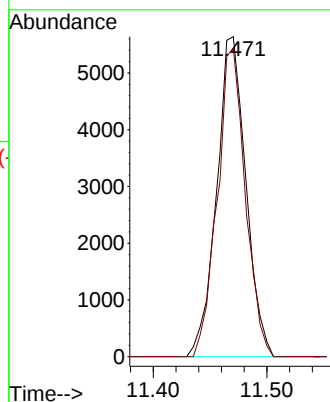
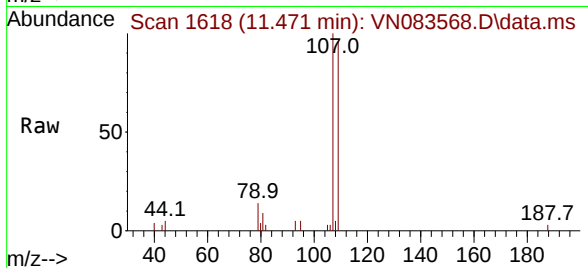
#61
1,2-Dibromoethane
Concen: 4.725 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 10068
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

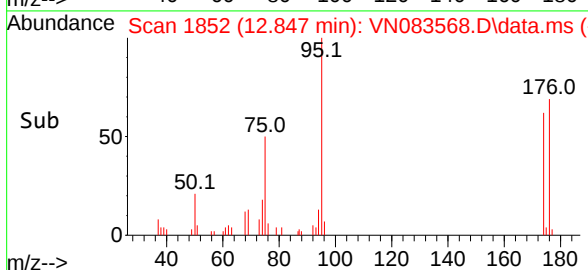
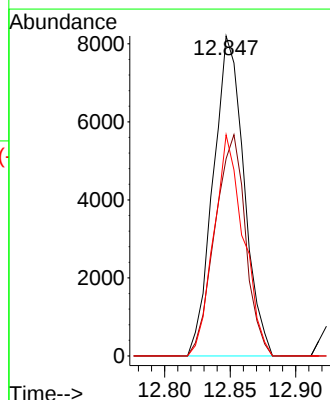
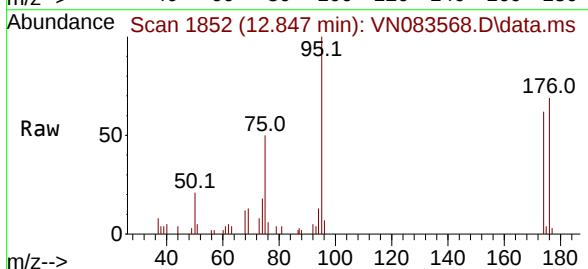
Manual Integrations
APPROVED

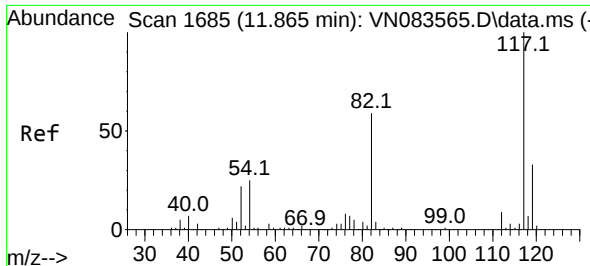
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#62
4-Bromofluorobenzene
Concen: 4.656 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

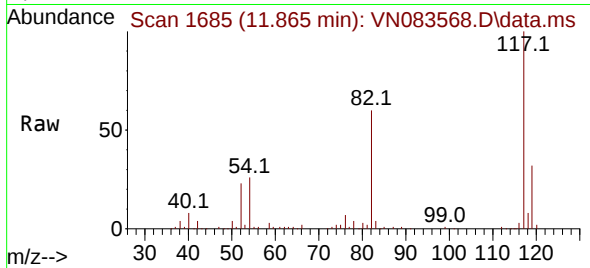
Tgt Ion: 95 Resp: 13373
Ion Ratio Lower Upper
95 100
174 68.9 0.0 139.8
176 66.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

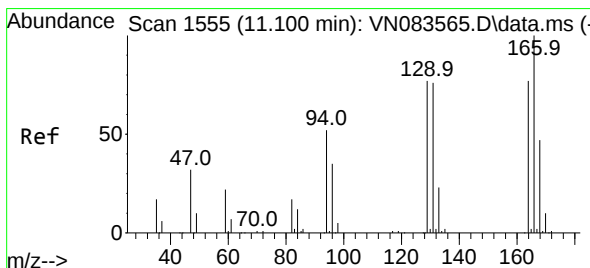
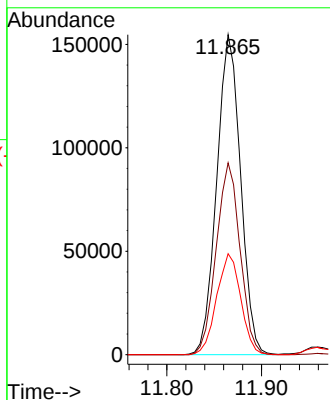
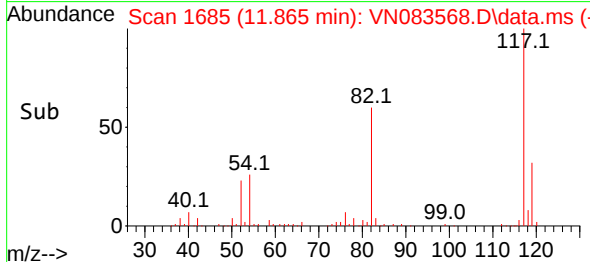
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



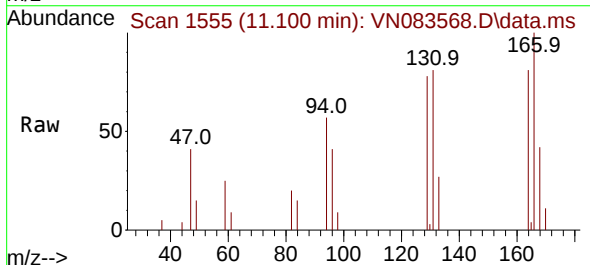
Tgt Ion:117 Resp: 27100
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 31.5 26.3 39.5

Manual Integrations
APPROVED

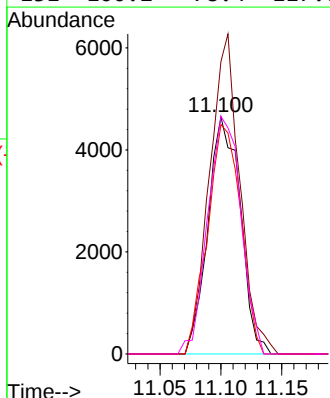
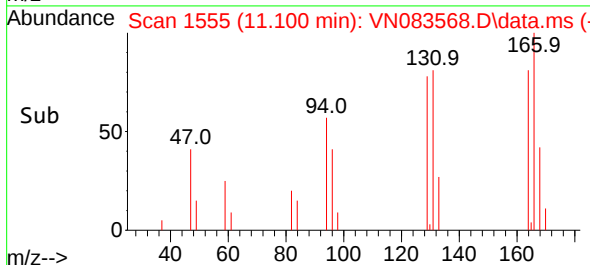
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

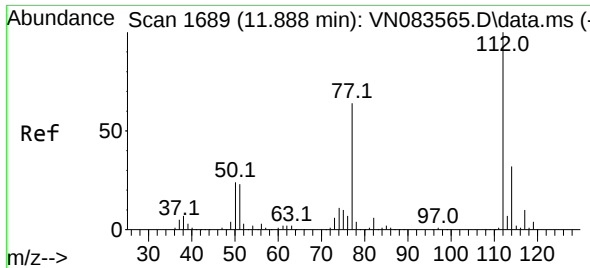


#64
Tetrachloroethene
Concen: 4.805 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion:164 Resp: 8560
Ion Ratio Lower Upper
164 100
166 123.3 103.7 155.5
129 96.8 79.9 119.9
131 100.2 78.4 117.6





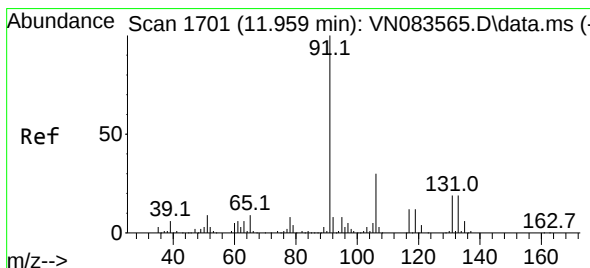
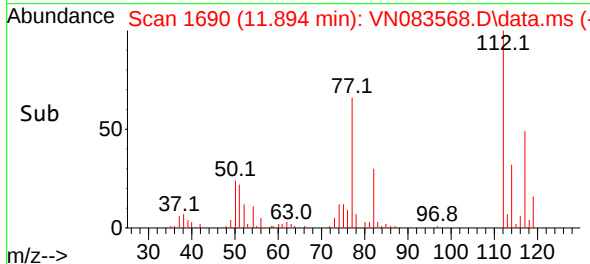
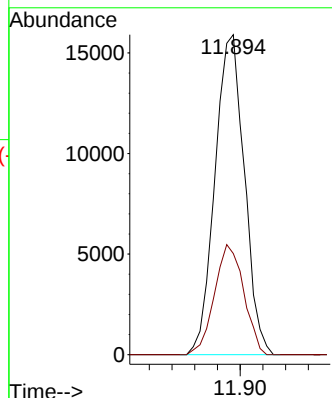
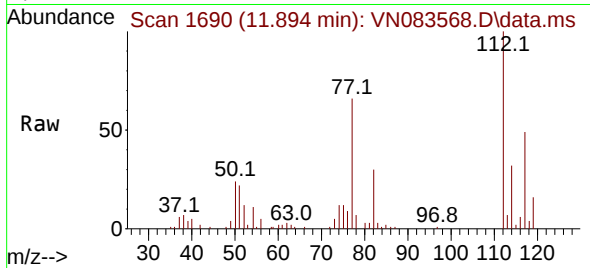
#65
Chlorobenzene
Concen: 4.704 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2859
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

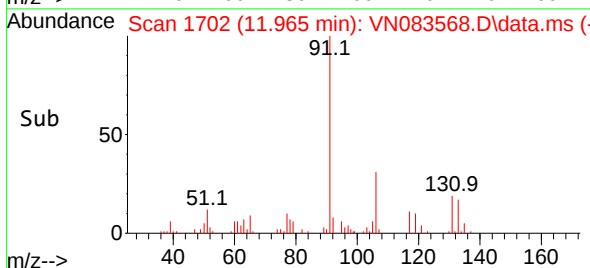
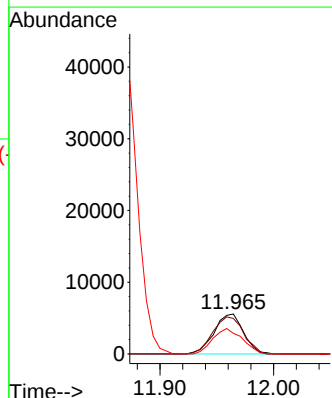
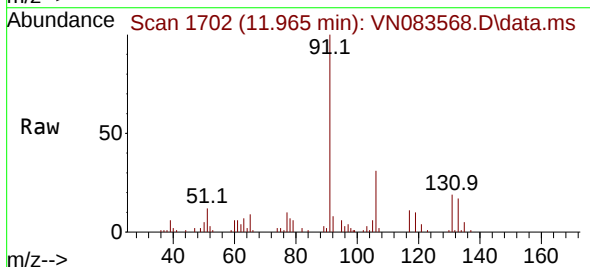
Manual Integrations
APPROVED

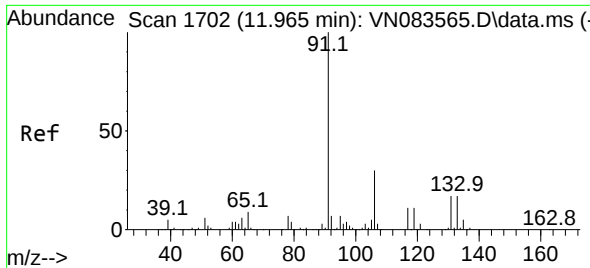
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

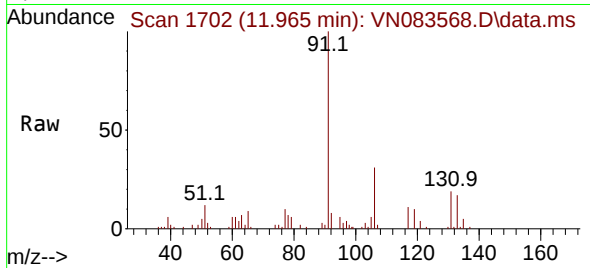
Tgt Ion:131 Resp: 9995
Ion Ratio Lower Upper
131 100
133 98.1 47.5 142.6
119 63.7 31.6 94.8





#67
Ethyl Benzene
Concen: 4.777 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

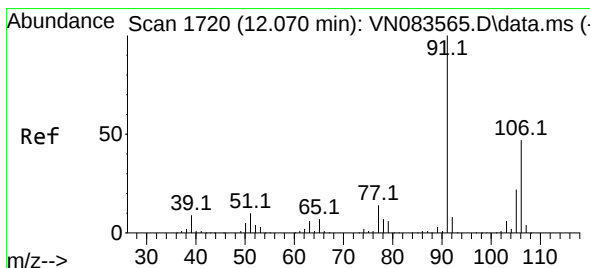
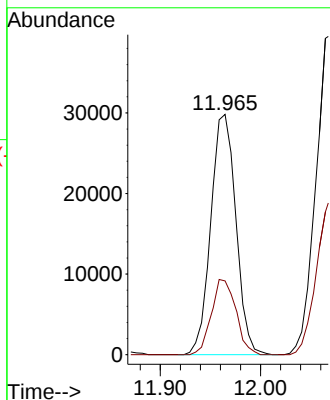
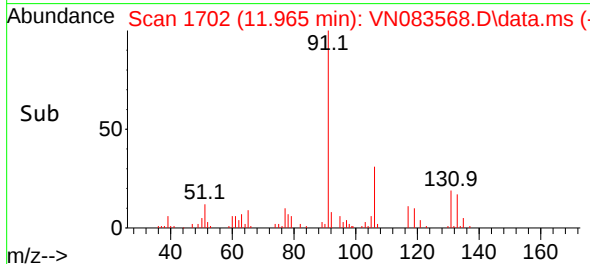
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



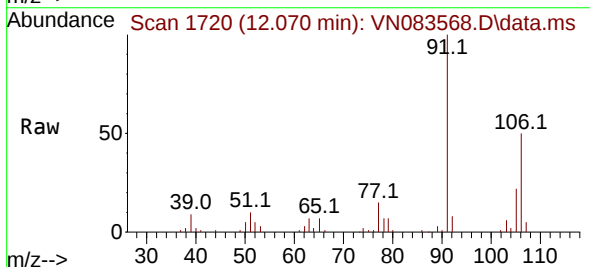
Tgt Ion: 91 Resp: 5182
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

Manual Integrations
APPROVED

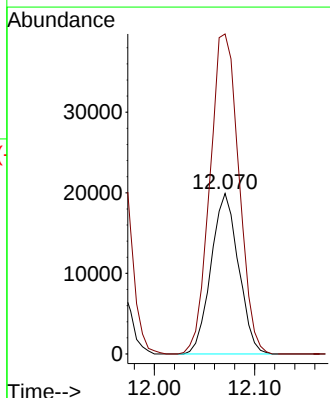
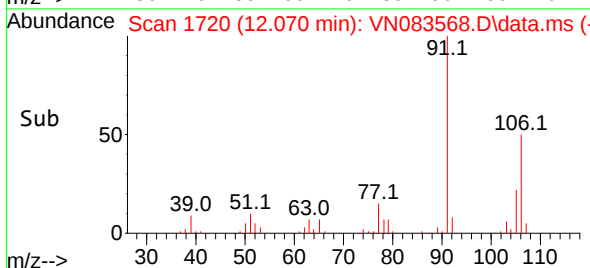
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

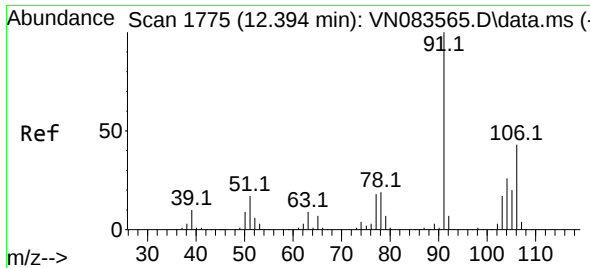


#68
m/p-Xylenes
Concen: 9.256 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion:106 Resp: 37830
Ion Ratio Lower Upper
106 100
91 210.6 169.2 253.8





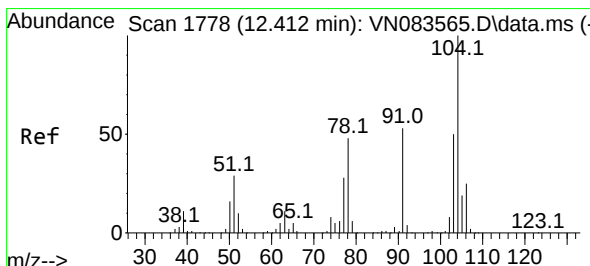
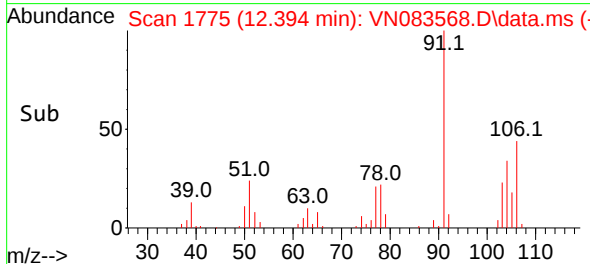
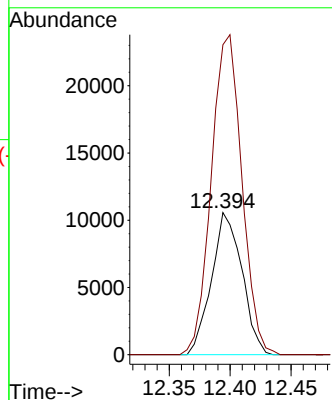
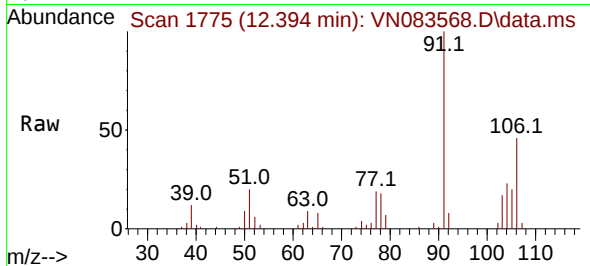
#69
o-Xylene
Concen: 4.660 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 18409
Ion Ratio Lower Upper
106 100
91 226.0 112.9 338.6

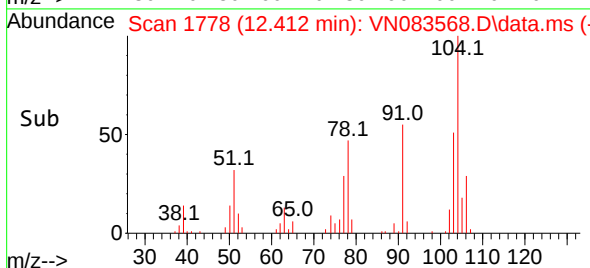
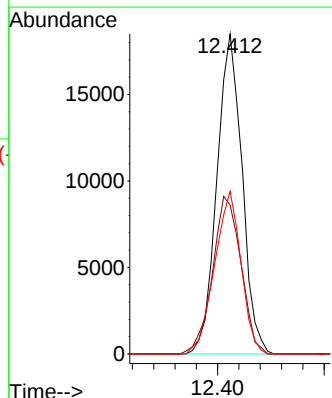
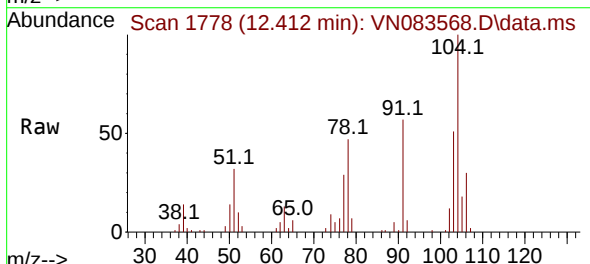
Manual Integrations
APPROVED

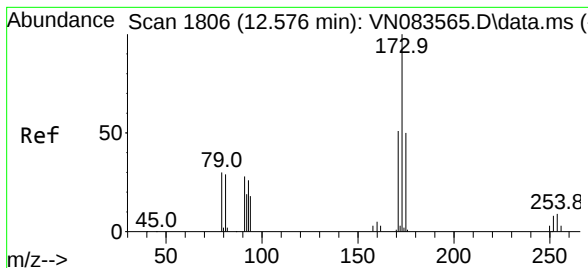
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 4.565 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:104 Resp: 30319
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 53.5 43.4 65.2





#71

Bromoform

Concen: 4.666 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 6819

Ion Ratio Lower Upper

173 100

175 43.0 24.1 72.2

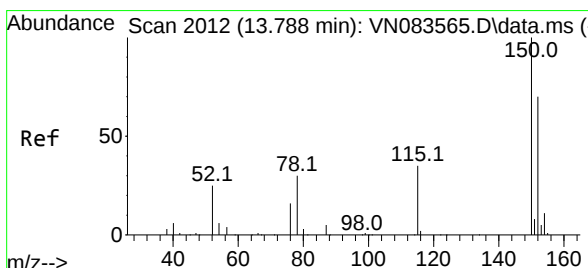
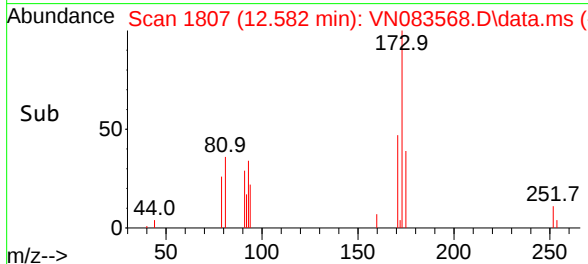
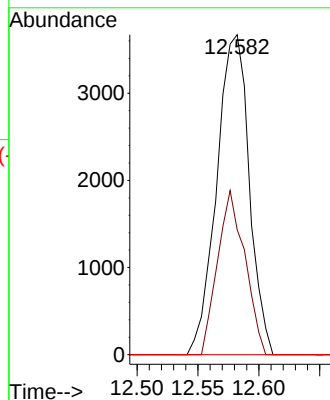
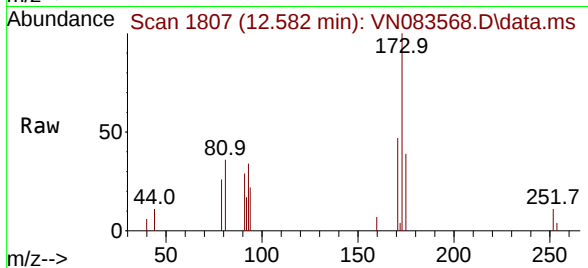
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

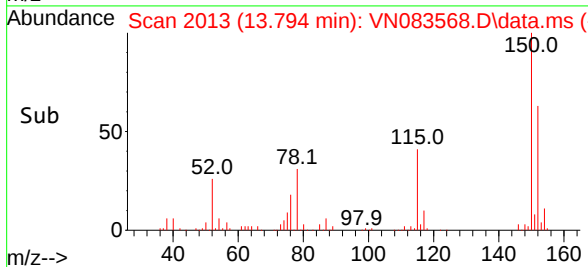
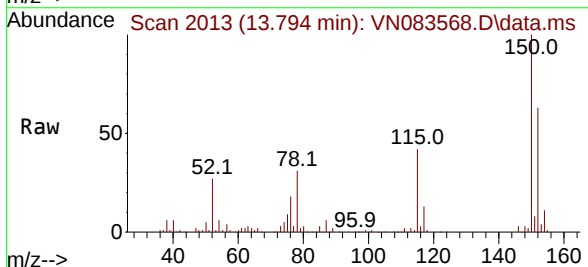
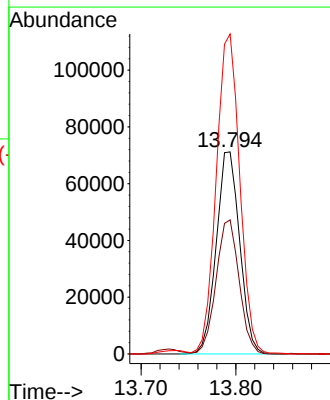
Tgt Ion:152 Resp: 122329

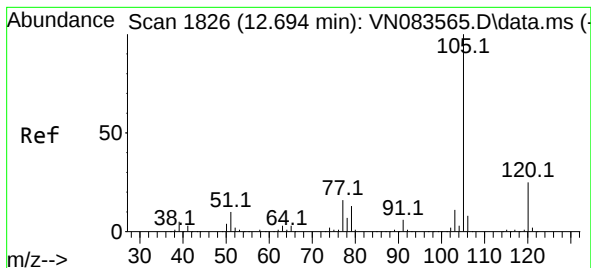
Ion Ratio Lower Upper

152 100

115 65.4 32.2 96.6

150 159.1 0.0 348.6





#73

Isopropylbenzene

Concen: 4.746 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

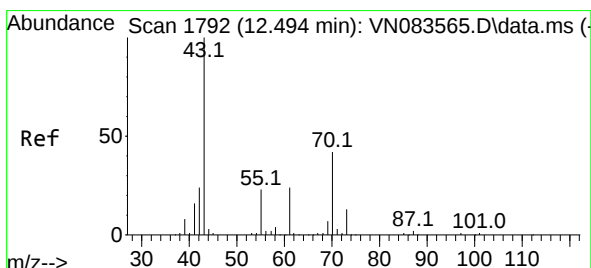
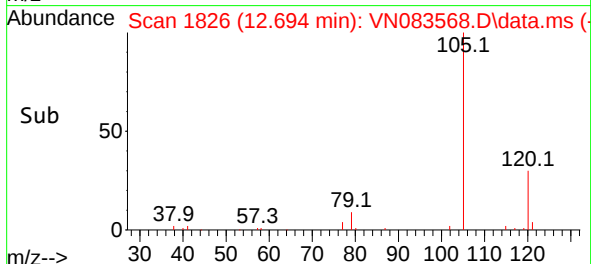
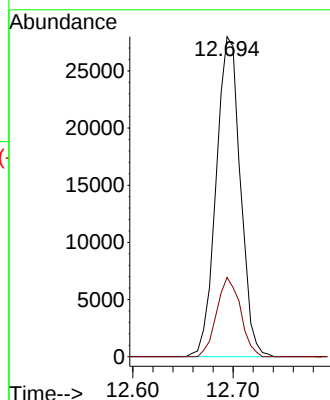
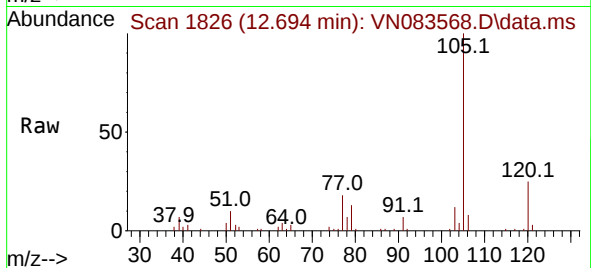
Tgt Ion:105 Resp: 46994
 Ion Ratio Lower Upper
 105 100
 120 24.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#74

N-ethyl acetate

Concen: 5.095 ug/l

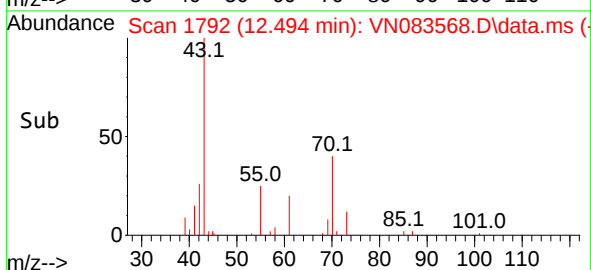
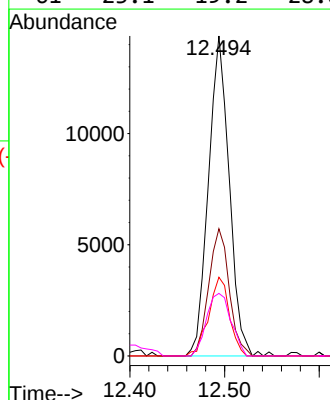
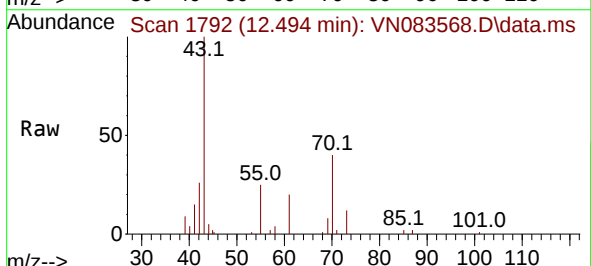
RT: 12.494 min Scan# 1792

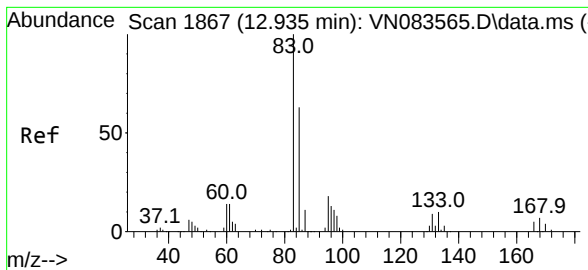
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

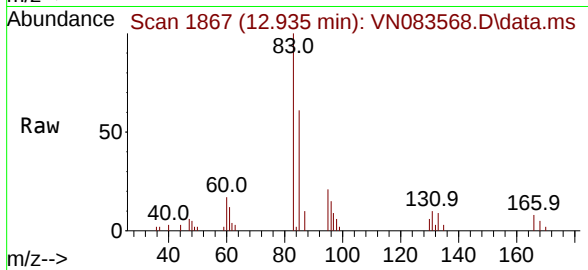
Tgt Ion: 43 Resp: 21896
 Ion Ratio Lower Upper
 43 100
 70 39.2 34.5 51.7
 55 24.5 18.6 28.0
 61 23.1 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.018 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

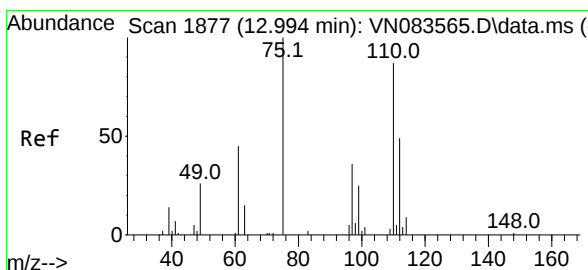
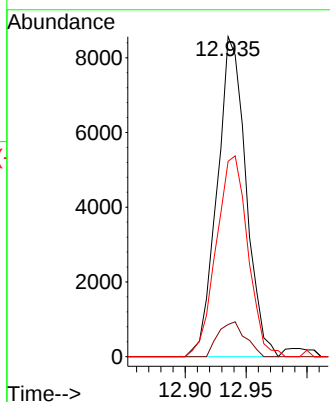
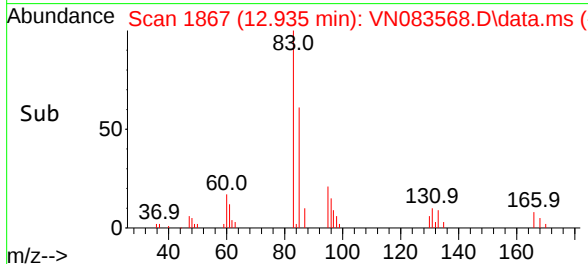
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



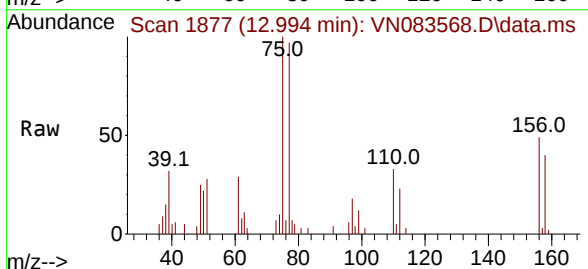
Tgt Ion: 83 Resp: 14104
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 68.8 31.9 95.9

Manual Integrations
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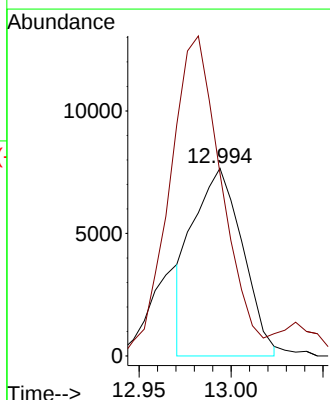
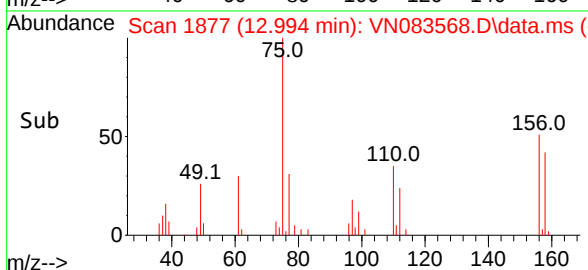
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

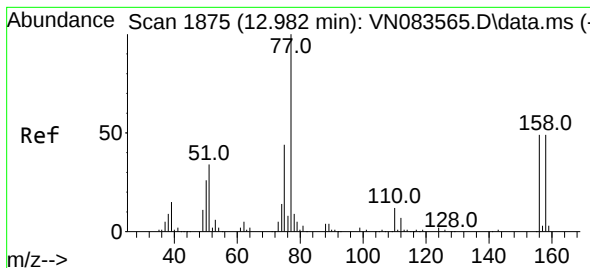


#76
1,2,3-Trichloropropane
Concen: 5.555 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



Tgt Ion: 75 Resp: 14383
Ion Ratio Lower Upper
75 100
77 179.1 95.2 285.6





#77

Bromobenzene

Concen: 5.017 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

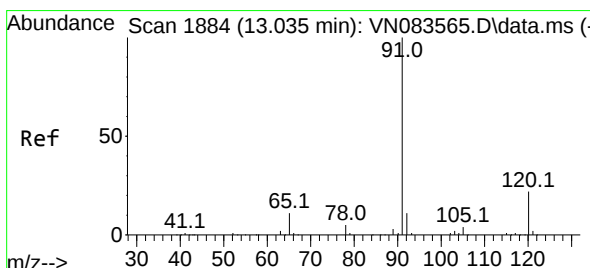
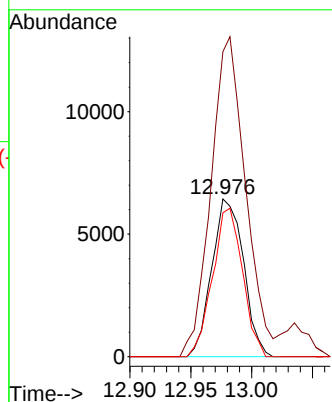
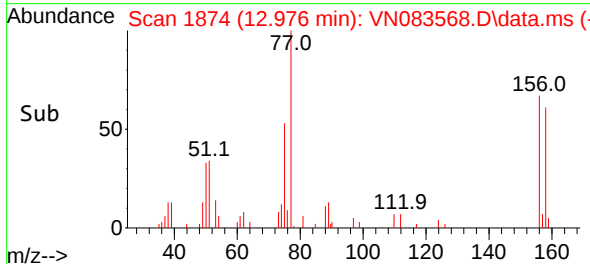
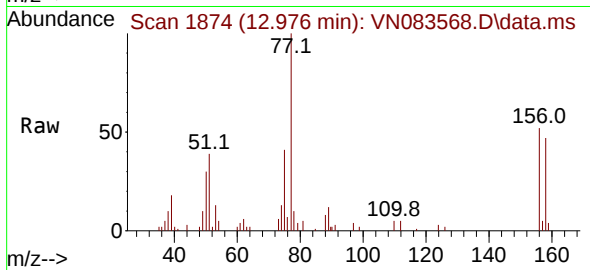
Tgt Ion:156 Resp: 11654
 Ion Ratio Lower Upper
 156 100
 77 221.0 114.3 343.1
 158 89.0 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#78

n-propylbenzene

Concen: 4.575 ug/l

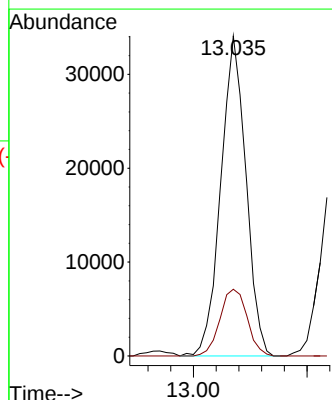
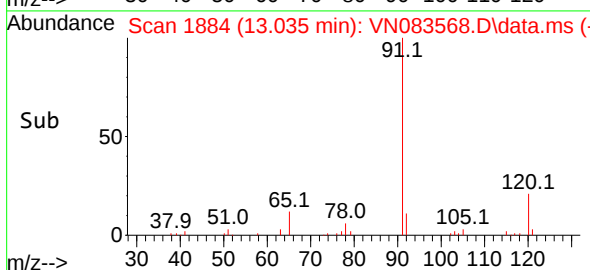
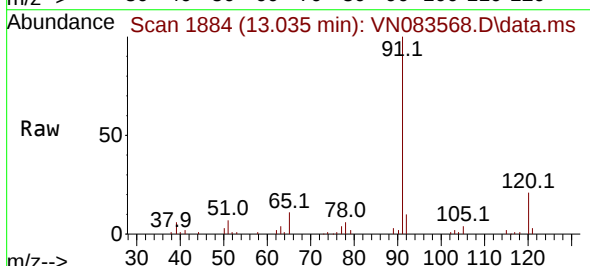
RT: 13.035 min Scan# 1884

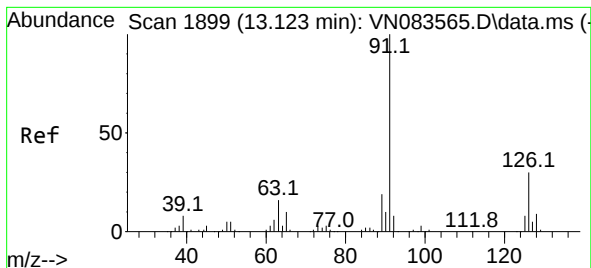
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Tgt Ion: 91 Resp: 52373
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.0 33.0





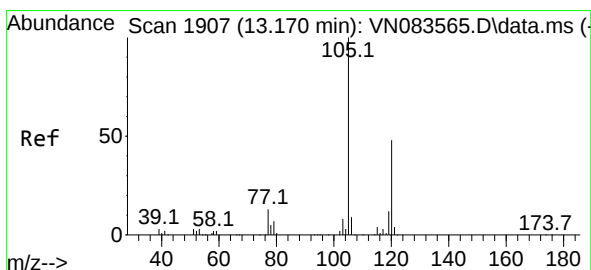
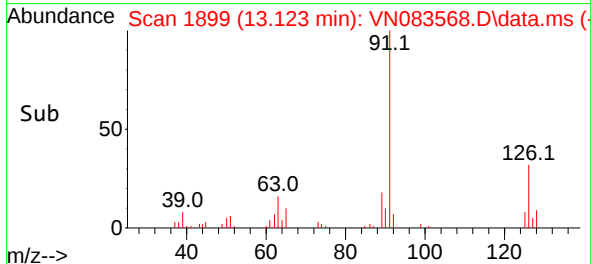
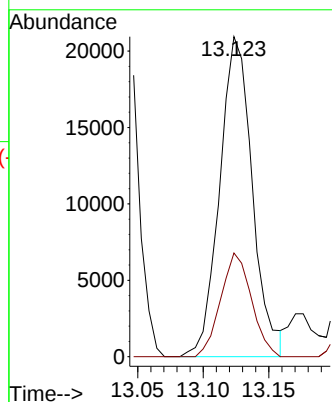
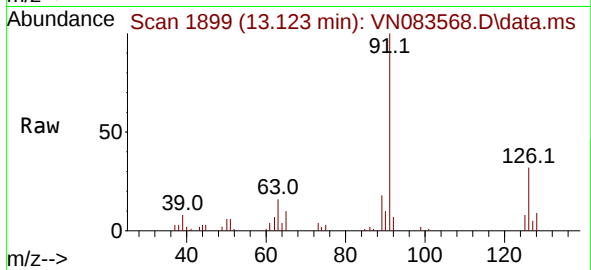
#79
2-Chlorotoluene
Concen: 4.903 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3636
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2

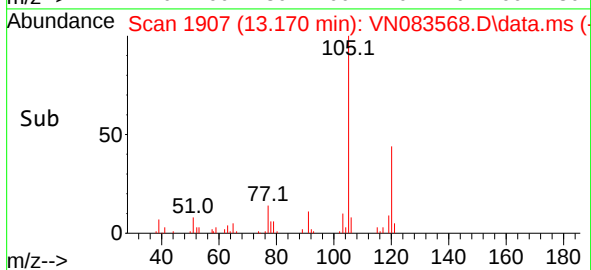
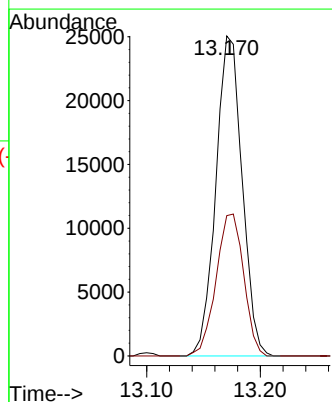
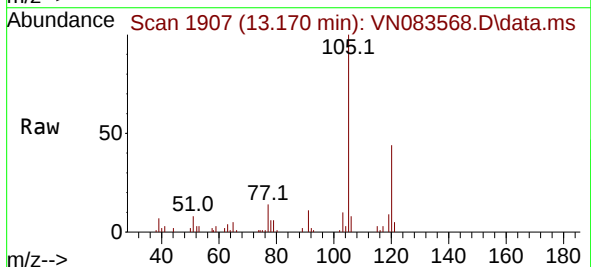
Manual Integrations
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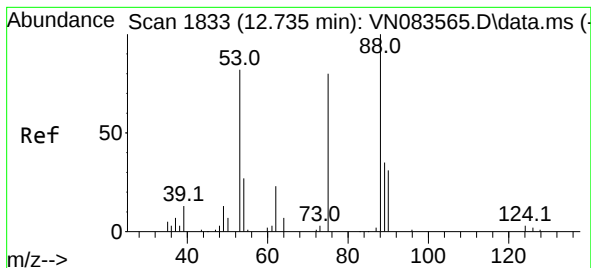
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.827 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:105 Resp: 40262
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.3





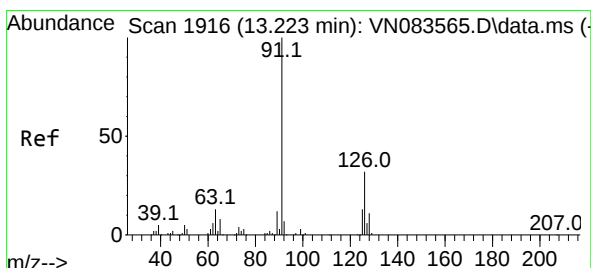
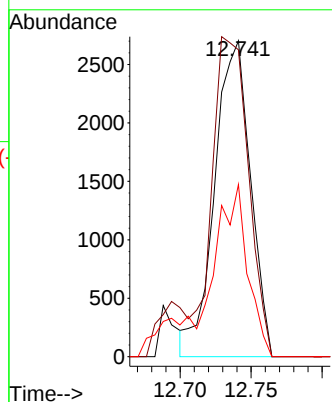
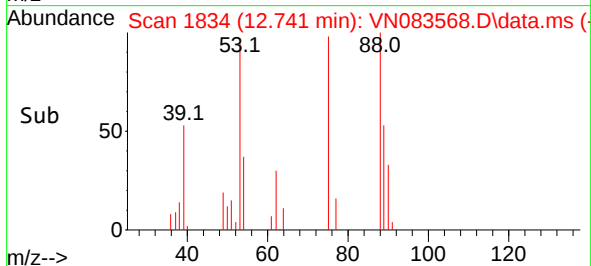
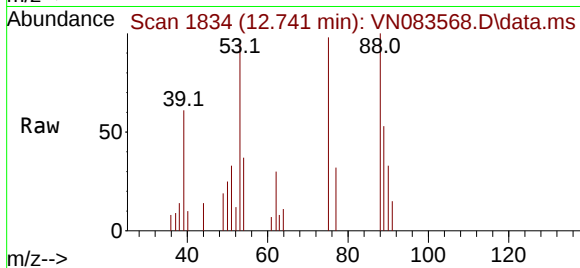
#81
trans-1,4-Dichloro-2-butene
Concen: 4.509 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 472
Ion Ratio Lower Upper
75 100
53 103.0 81.2 121.8
89 47.9 35.7 53.5

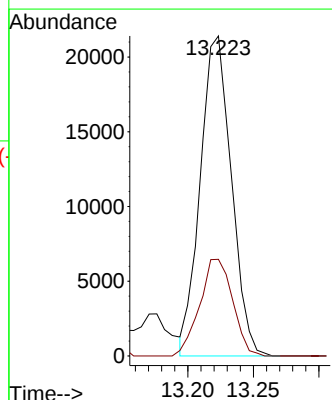
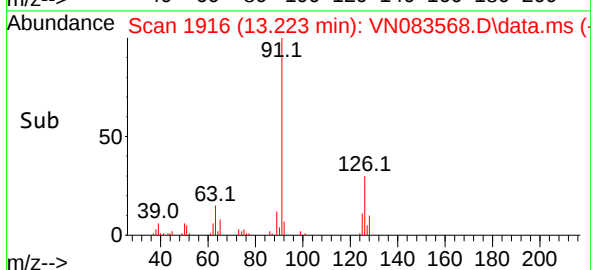
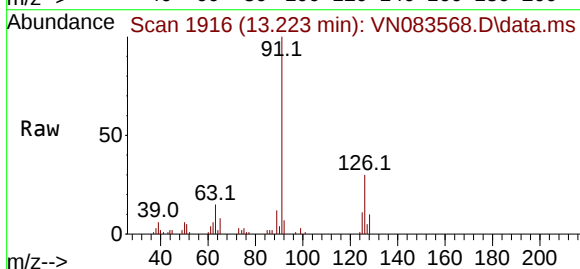
Manual Integrations
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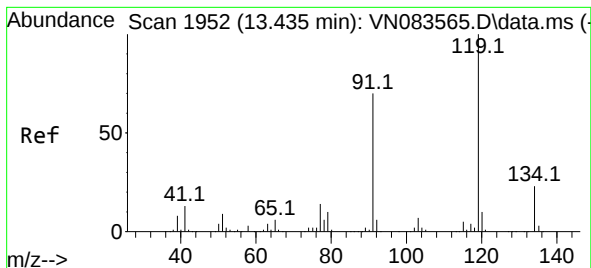
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#82
4-Chlorotoluene
Concen: 4.689 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion: 91 Resp: 35337
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.2





#83

tert-Butylbenzene

Concen: 4.718 ug/l

RT: 13.441 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

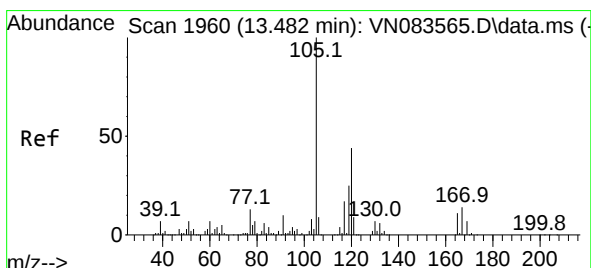
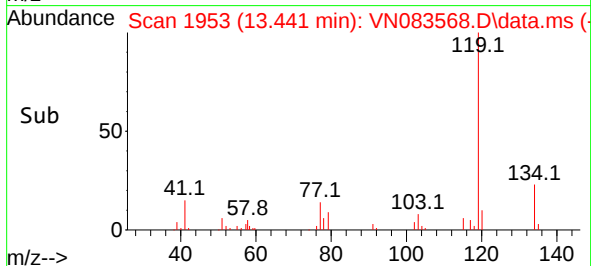
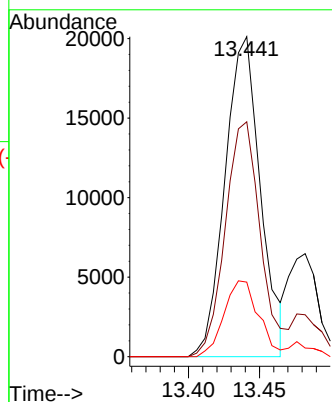
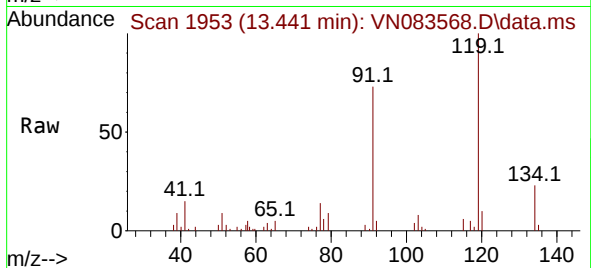
Tgt Ion:119	Resp:	3498
Ion Ratio	Lower	Upper
119	100	
91	73.6	34.5 103.6
134	23.2	12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.685 ug/l

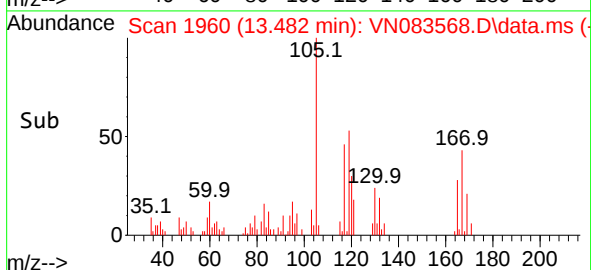
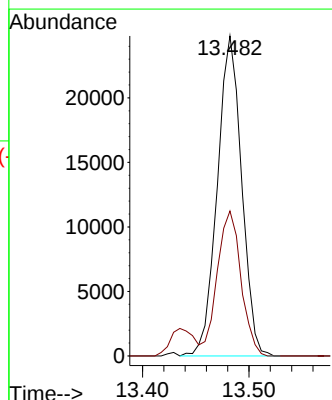
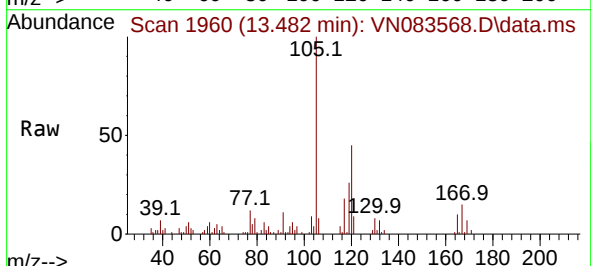
RT: 13.482 min Scan# 1960

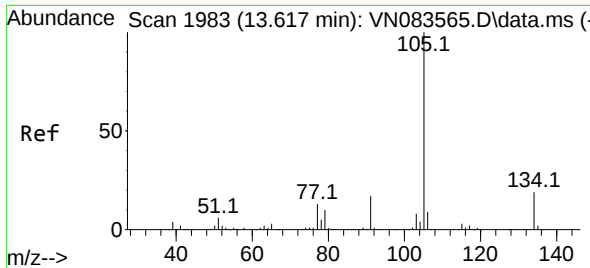
Delta R.T. 0.000 min

Lab File: VN083568.D

Acq: 30 Aug 2024 10:29

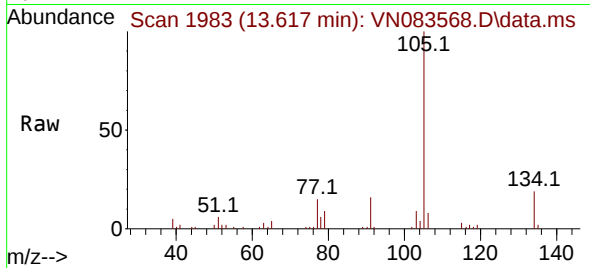
Tgt Ion:105	Resp:	39331
Ion Ratio	Lower	Upper
105	100	
120	44.3	21.8 65.4





#85
 sec-Butylbenzene
 Concen: 4.588 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29

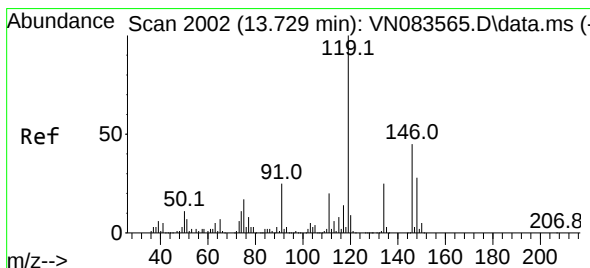
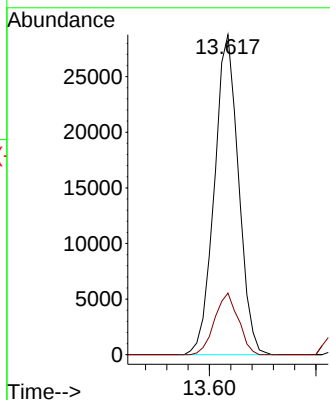
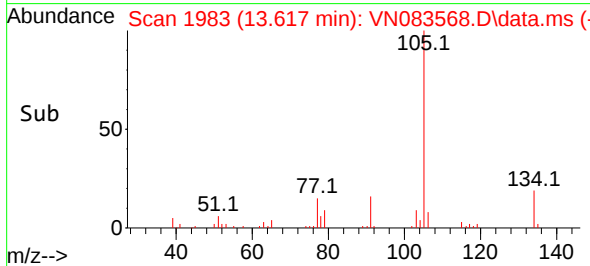
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



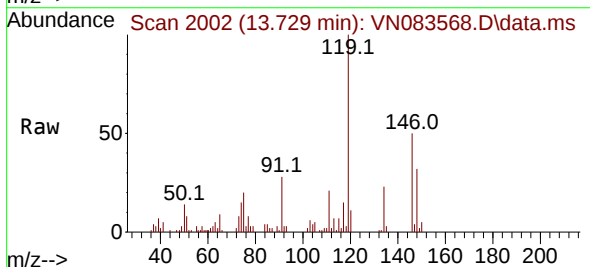
Tgt Ion:105 Resp: 45224
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
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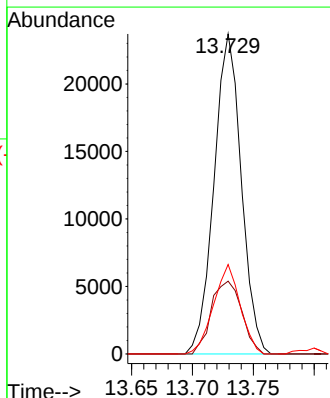
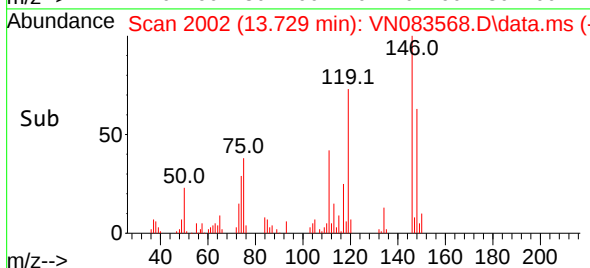
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

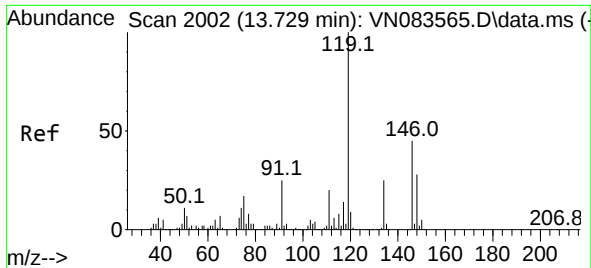


#86
 p-Isopropyltoluene
 Concen: 4.480 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083568.D
 Acq: 30 Aug 2024 10:29



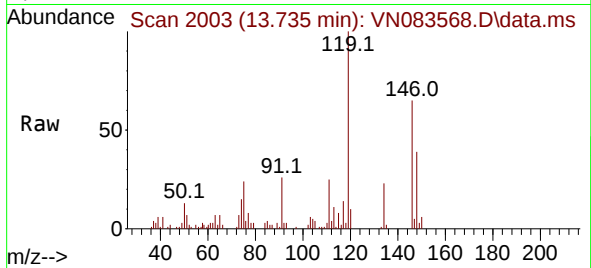
Tgt Ion:119 Resp: 36881
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.3 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 4.695 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

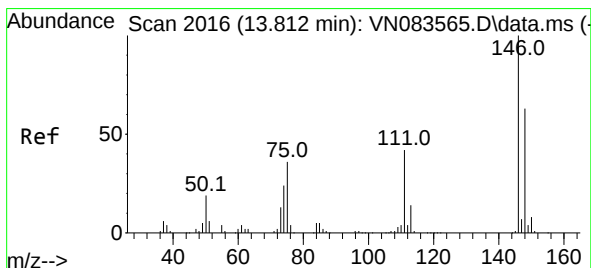
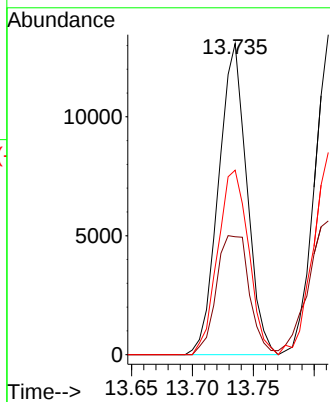
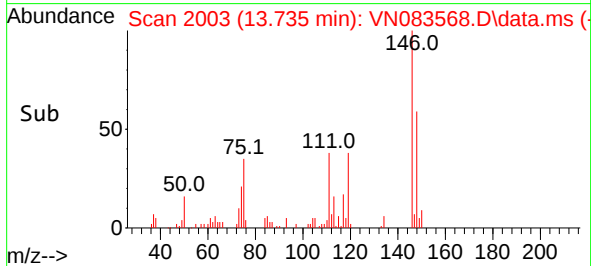
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 21169
Ion Ratio Lower Upper
146 100
111 44.7 21.7 65.1
148 64.6 31.7 95.1

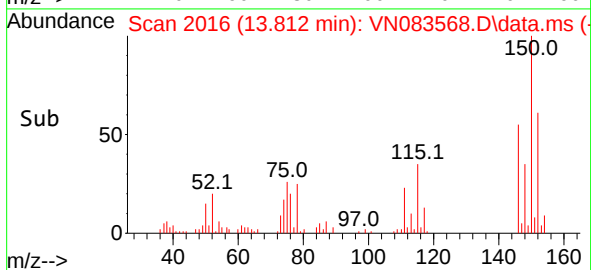
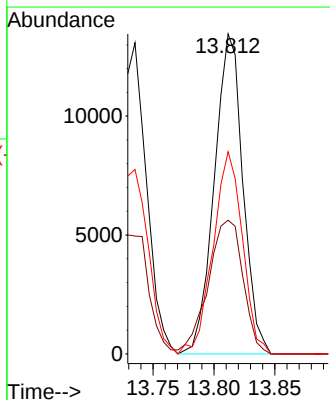
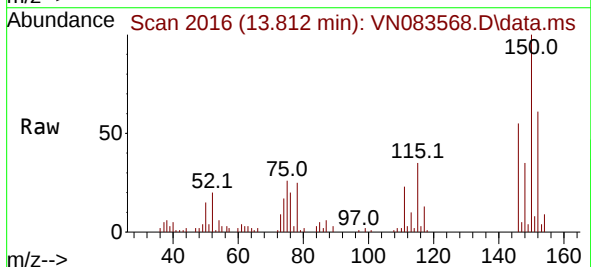
Manual Integrations
APPROVED

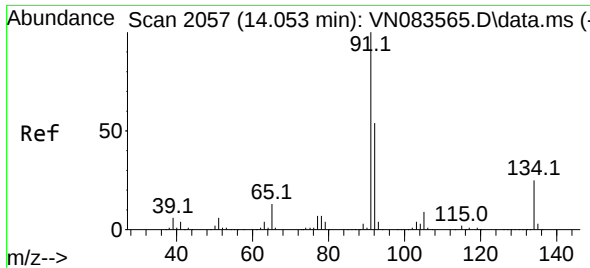
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#88
1,4-Dichlorobenzene
Concen: 4.751 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:146 Resp: 22014
Ion Ratio Lower Upper
146 100
111 50.8 21.3 64.0
148 64.9 32.0 96.2





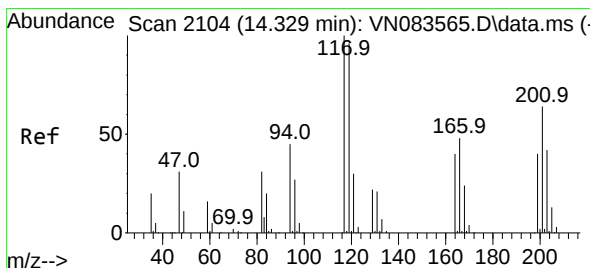
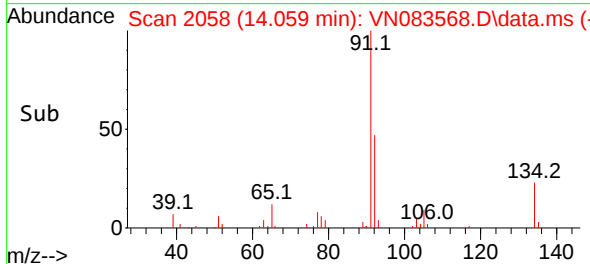
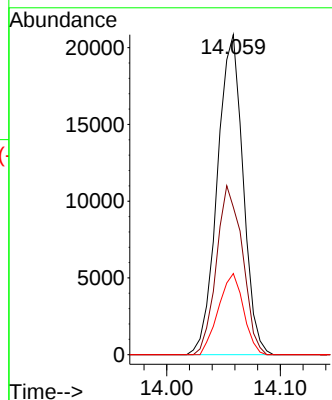
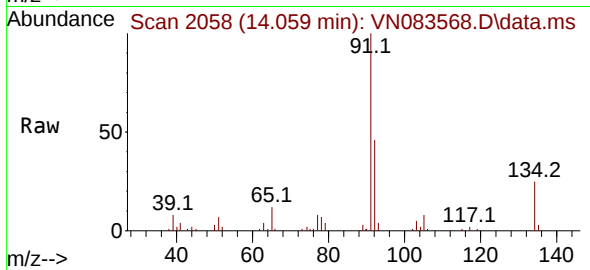
#89
n-Butylbenzene
Concen: 4.534 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 3283
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 24.7 12.2 36.4

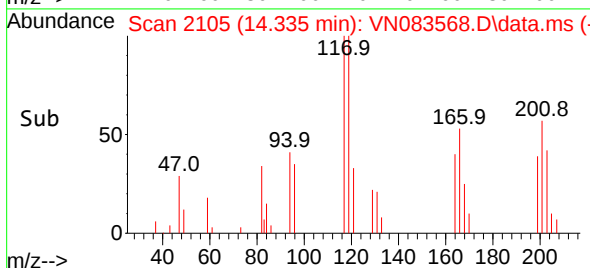
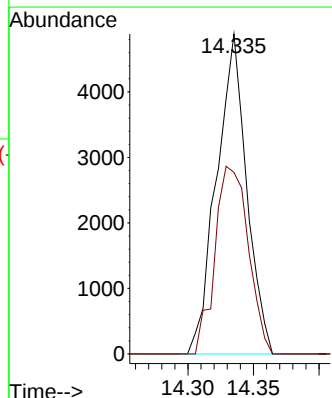
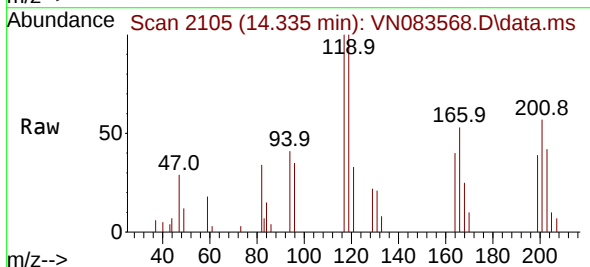
Manual Integrations
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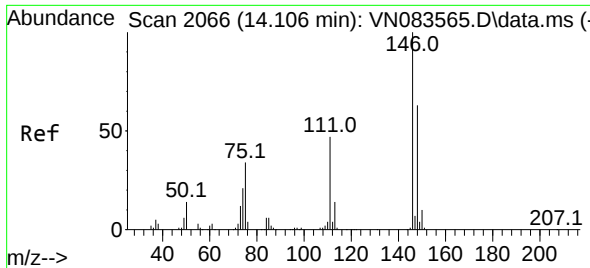
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 4.858 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:117 Resp: 7785
Ion Ratio Lower Upper
117 100
201 64.9 32.8 98.3





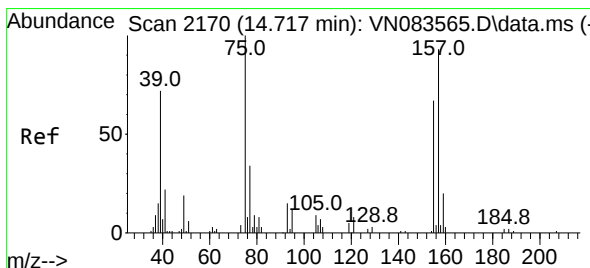
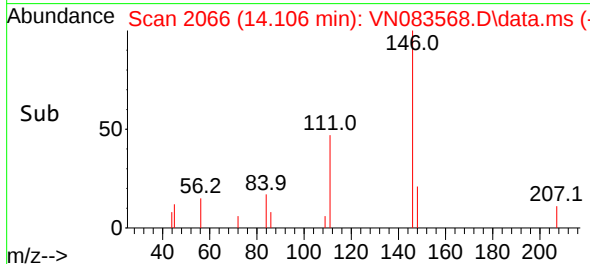
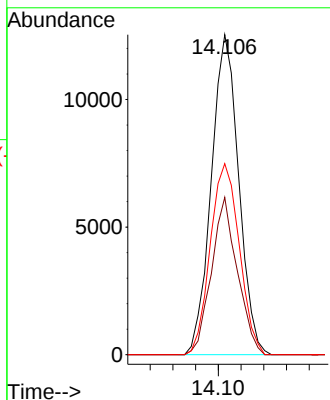
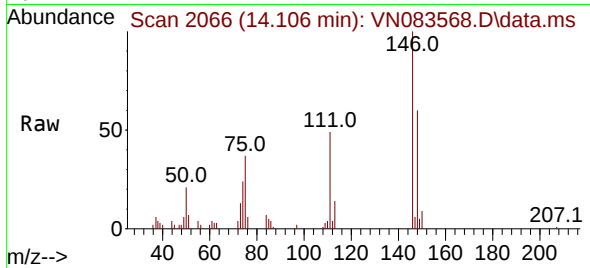
#91
1,2-Dichlorobenzene
Concen: 4.838 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2100
Ion Ratio Lower Upper
146 100
111 46.6 22.8 68.3
148 63.2 32.1 96.5

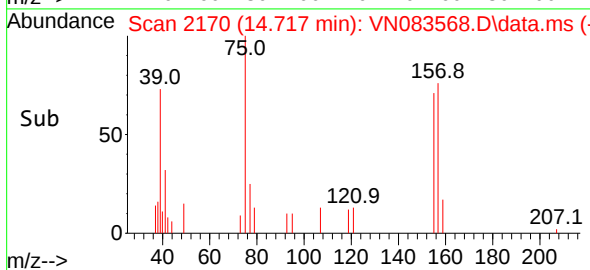
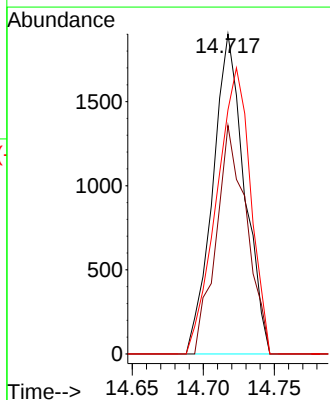
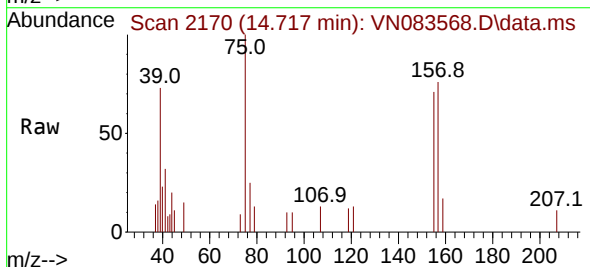
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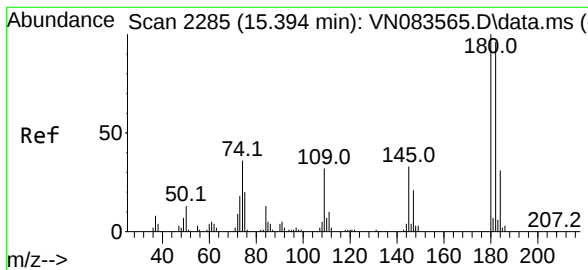
Reviewed By :John Carbone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.852 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

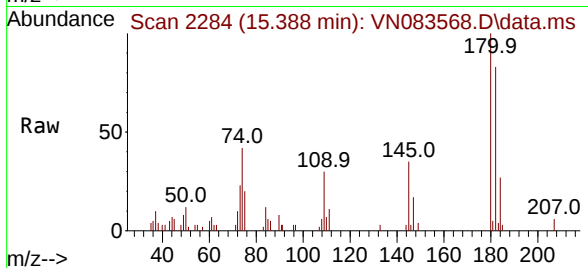
Tgt Ion: 75 Resp: 2958
Ion Ratio Lower Upper
75 100
155 68.5 35.9 107.7
157 96.0 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 4.631 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

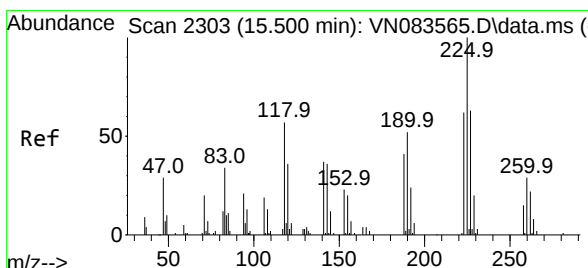
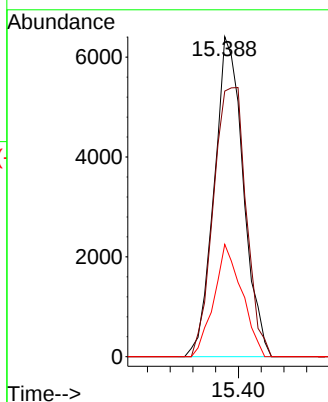
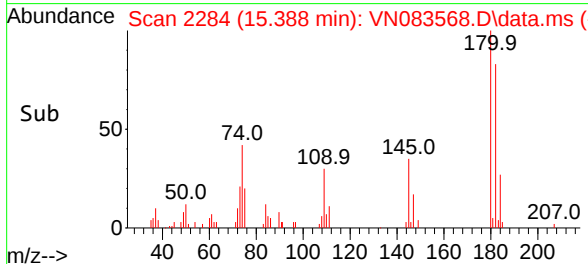
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



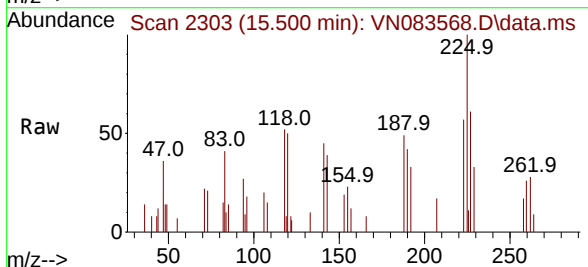
Tgt Ion:180 Resp: 1140
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 33.7 16.9 50.7

Manual Integrations
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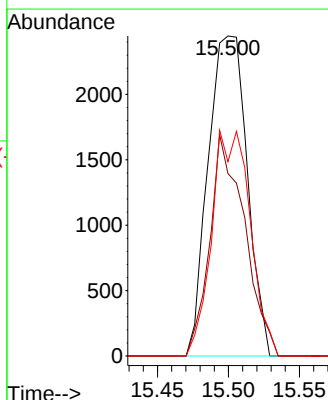
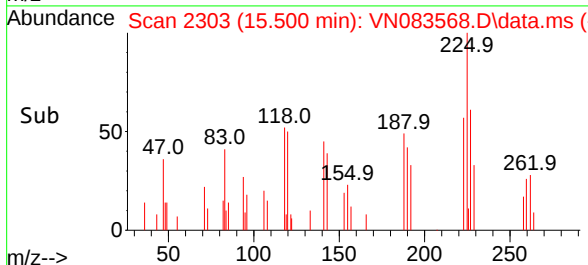
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

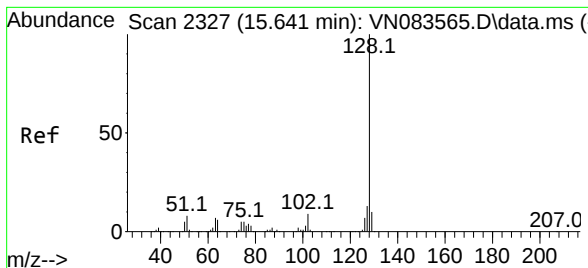


#94
Hexachlorobutadiene
Concen: 4.743 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29



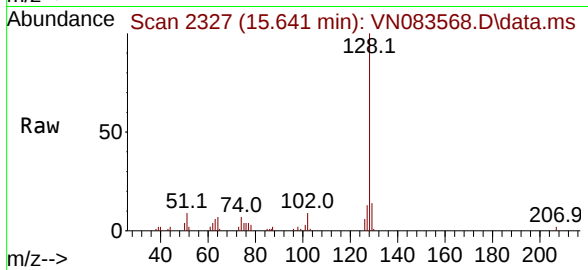
Tgt Ion:225 Resp: 4677
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.5
227 69.2 32.0 96.2





#95
Naphthalene
Concen: 4.554 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

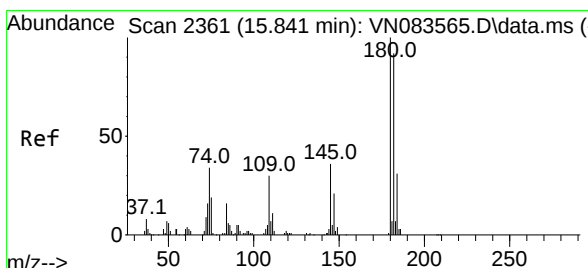
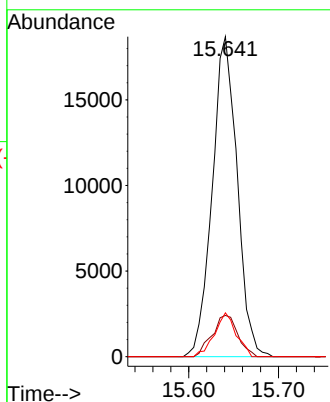
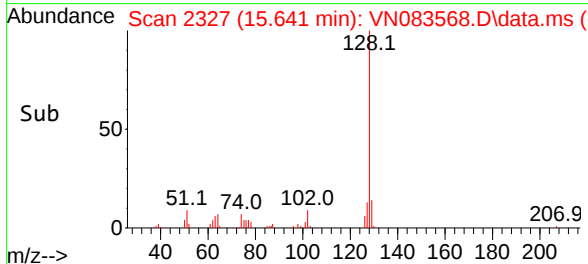
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 36029
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 12.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.614 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083568.D
Acq: 30 Aug 2024 10:29

Tgt Ion:180 Resp: 11350
Ion Ratio Lower Upper
180 100
182 90.9 47.1 141.4
145 38.2 17.8 53.5

